

अरुण कुमार सिंह भा.प्र.से.
प्रधान सचिव



झारखण्ड सरकार

Arun Kr. Singh I.A.S.
Principal Secretary

झारखण्ड सरकार
नगर विकास एवं आवास विभाग
धुर्वा, राँची - 834004, झारखण्ड

Government of Jharkhand
Urban Development & Housing Deptt.
Dhurwa, Ranchi - 834 004, Jharkhand

Ref. :06A/न०वि०/AMRUT:07/2015 - 2627 (E)

Date : 13-05-16

Respected Sir,

The State Annual Action Plan of Jharkhand for FY 2016-17 has been prepared and enclosed alongwith required checklist and tables mentioned in the AMRUT guideline.

Based on the MoUD allocation and SLIPs submitted by all 7 cities, city wise projects on Water supply, Sewerage and septage, Storm Water Drainage, Urban Transport, Green Space and Parks, and Capacity Building were prioritized and aggregated into State Annual Action Plan (SAAP) for the current financial year.

The SHPSC has approved and recommended the SAAP to Ministry of Urban Development, Government of India for consideration and approval. The copy of minutes of 2nd meeting of HPSC is also enclosed in SAAP.

The SAAP also consists the claim of reform incentive on prescribed format as the state has scored 78.06% (Total 218.57 out of 280 marks) against the target.

I, therefore request you to consider the approval of SAAP and early release the first installment of Central Assistance.

With profound regards,

Encl: As above

[Signature]
13.5-16
(Arun Kumar Singh)

To,

Dr. Sameer Sharma
Additional Secretary (Smart Cities)
Ministry of Urban Development, Gol
Nirman Bhawan, New Delhi-110011
Tel: 011-23061558
Email: ssameer@nic.in



झारखण्ड सरकार

STATE ANNUAL ACTION PLAN (SAAP) OF JHARKHAND (FY 2016 -17)



Water Supply



Sewerage & Septage
Management



Storm Water
Drainage



Urban Transport



Parks



Atal Mission for Rejuvenation
and Urban Transformation

PREPARED BY : -

STATE MISSION MANAGEMENT UNIT (AMRUT)
State Urban Development Agency (SUDA)
Urban Development & Housing Department
Government of Jharkhand

URBAN SCENARIO OF JHARKHAND


Total Population of State	3,29,66,238
Total Urban Population	55,61,095
Percentage of Urban population	16.87%
No. of ULBs in the state	43
State Growth rate	2.3 % per annum

CONTENTS

Urban Scenario of Jharkhand	2
Checklist – Consolidated State Annual Action Plan of all ULBs to be sent for Assessment by MoUD (as per table 6.2)	4
Minutes of State High Powered Steering Committee (SHPSC) Meeting	6
Chapter 1: Project Background and Summary	12
Management Structure	12
Funding allocation	13
Component wise break-up of fund allocation	14
Chapter 2: Review of State Annual Action Plan (SAAP)	23
Project Progress	23
Service Levels	27
Capacity Building	31
Reforms	34
Use of A.& O.E.	38
Funds flow	39
Funds disbursements and Conditions	39
Chapter 3: State Annual Action Plan	41
Principles of Prioritization	49
Importance of O&M	50
Reform Implementation	53
Annual Capacity Building Plan	67
A&OE	76
Financing of Projects	78
Annexure I: Principles of Prioritization	82

CHECKLIST – CONSOLIDATED STATE ANNUAL ACTION PLAN OF ALL ULBS TO BE SENT FOR ASSESSMENT BY MOUD (AS PER TABLE 6.2)

S.No.	Points of Consideration	Yes/No	Give Details
1.	Have all the Cities prepared SLIP as per the suggested approach?	Yes	Universal Coverage of Water Supply and Sewerage/septage has given at most priority.
2.	Has the SAAP prioritized proposed investments across cities?	Yes	According to the current service level, priority has been given to the cities for water supply and sewerage & septage.
3.	Is the indicator wise summary of improvements proposed (both investments and management improvements) by State in place?	Yes	As per requirement, indicator wise improvement proposal for investment and management (both) has been considered.
4.	Have all the cities under Mission identified/done baseline assessments of service coverage indicators?	Yes	All the mission cities identified and baseline assessment of service coverage has been completed.
5.	Are SAAPs addressing an approach towards meeting Service Level Benchmarks agreed by Ministry for each Sector?	Yes	SAAP has been prepared to meet Service Level Benchmark as agreed by ministry for each sector.
6.	Is the investment proposed commensurate to the level of improvement envisaged in the indicator?	Yes	The proposed investment matches with Service Level Improvement envisaged in the indicated.
7.	Are State Share and ULB share in line with proposed Mission approach?	Yes	State share and ULB share has been planned in the line of proposed mission approach.
8.	Is there a need for additional resources and have state considered raising additional resources (State programs, aided projects, additional devolution to cities, 14th Finance Commission, external sources)?	Yes	State is trying to mobilize additional financial resource through 14 th FC, State Programs, World Bank, JICA etc.)
9.	Does State Annual Action Plan verify that the cities have undertaken financial projections to identify revenue requirements for O&M and repayments?	Yes	O&M charges has been considered while preparation of SAAP. O&M charges will reimburse by collecting user charges. The cost will be borne by concerned ULB. Additional fund will be required for O&M and repayment shall be worked out while preparation of DPR.

S.No.	Points of Consideration	Yes/No	Give Details
10.	Has the State Annual Action Plan considered the resource mobilization capacity of each ULB to ensure that ULB share can be mobilized?	Yes	Current Financial condition of respective ULBs has been considered while preparing SAAP. If required, additional funds shall be raised through financial institutions and other sources.
11.	Has the process of establishment of PDMC been initiated?	Yes	PDMC established. JUIDCO Limited has appointed as PDMC for AMRUT.
12.	Has a roadmap been prepared to realize the resource potential of the ULB?	Yes	The resource potential of ULBs has been considered. Substitute sources of funds for financially weak ULBs is being arranged.
13.	Is the implementation plan for projects and reforms in place (Timelines and yearly milestones)?	Yes	The timelines and milestones has been set for achieving the reforms under scheduled period.
14.	Has the prioritization of projects in ULBs been done in accordance with para 7.2 of the guidelines?	Yes	Prioritization has been given in accordance with para 7.2 of mission guideline. Priority has been given to such ULBs where service level gaps are more in compare to achieve universal coverage.


13.9.16
(Arun Kumar Singh)

Principal Secretary
Urban Development & Housing Department
& State Mission Director- AMRUT (Jharkhand)

MINUTES OF STATE HIGH POWERED STEERING COMMITTEE (SHPSC) MEETING

Government of Jharkhand
Urban Development & Housing Department

Minutes of 2nd meeting of State level High Powered Steering Committee (SHPSC) of Atal Mission for Rejuvenation and Urban Transformation (AMRUT) under the Chairmanship of Chief Secretary, Jharkhand held on 13th May 2016.

Attendance:-

1. Chief Secretary, Jharkhand
2. Additional Chief Secretary, Planning-cum-Finance Department
3. Principal Secretary, Department of Environment, Forest & Climate Change, Jharkhand
4. Principal Secretary, Urban Development & Housing Department, Jharkhand
5. Principal Secretary, Drinking Water & Sanitation Department, Jharkhand
6. Director, State Urban Development Agency (SUDA), Jharkhand

The 2nd meeting of State Level High powered steering committee (SHPSC) has been organized on 13.05.2016 under the chairmanship of Chief Secretary, Jharkhand. At the start of the meeting, Chief Secretary welcomed the presented members of SHPSC. Principal Secretary, Urban Development & Housing Department explained about AMRUT mission to the presented members followed by the brief presentation by Director, SUDA. During the presentation, the progress of AMRUT against of the approved SAAP of FY 2015-16 has been displayed.

Following are the key points which has been discussed during the meeting:

2. Director, SUDA informed the committee members that as per AMRUT guidelines, city wise Service Level Improvement Plan (SLIP) were prepared by all 7 ULBs after assessing and considering the service level gaps. These completed SLIPs were reviewed at the Directorate Level for which 2 days handholding workshop was organized from 4th to 5th May 2016.
3. It was explained by Director SUDA that under the monitoring of State Mission Management Unit (SMMU) established under mission directorate, the preparation of SLIPs was done by the respective ULBs. Based on the SLIP submitted by the ULBs, City wise projects on Water supply, Green Space and Parks, Sewerage and septage, Urban Transport, Storm Water Drainage and Capacity Building were prioritized and aggregated into State Annual Action Plan (SAAP).
4. One purpose of the mission is to improve governance through a set of reforms. Reform is an important objective of the SLIP. Hence special consideration has given in completing the Reforms in the 7 AMRUT Cities. Director, SUDA has informed to the members that a dedicated cell with specialists of concerned sectors has been established at mission directorate. These specialists have to ensure the successful implementation of AMRUT reforms under the committed timelines so that could become eligible for the reforms incentive. According to the mission guideline and instruction received from MoUD, the current status has been self-assessed and tabulated in the prescribed format.
5. There are total 28 milestones have to achieved in first 12 months of AMRUT mission. Each milestone has a score 10 marks. Under the closed monitoring and guidance of Principal Secretary, UD&HD, state as a whole has achieved 218.57 marks Out of 280 which is 78.06%. As per mission guideline, 70% achievement required for 10% reform incentive. The Reform implantation status is mentioned in the below table:

2628
13/05/16







S.No	Type	Steps	Name of ULBs	ULB Wise Score	Max. Score possible during the year	Total Score obtained	Present Status
ULB Level Achievement							
1.	E-Governance	1. Creation of ULB Website	1.Ranchi	10	10	10	Website of all 7 AMRUT Cities has been created with newly developed department's portal.
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
		2. Publication of e-newsletter Digital India Initiatives	1.Ranchi	10	10	10	E-Newsletter for all 7 AMRUT ULBs have been uploaded on the website.
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
		3. Support Digital India (ducting to be done on PPP mode or by the ULB itself.)	1.Ranchi	10	10	10	<ul style="list-style-type: none"> An initiative has taken for common duct policy with the support of TRAI. High speed internet connection facility through broadband connectivity in all the cities. Digitization of legacy data of the ULBs. Pilot project of e-municipality in Dhanbad for State level software solution of all the municipal services has started. Online payment facility for collection of various taxes and user charges.
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
2.	Augmenting double entry accounting	1. Complete migration to double entry accounting system and obtaining an audit certificate to the effect from FY2012-13 onwards.	1.Ranchi	10	10	10	All 7 AMRUT Cities have been migrated to double entry accounting system.
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			

2628
13/05/16

Handwritten signature

Handwritten signature

Handwritten signature

S.No	Type	Steps	Name of ULBs	ULB Wise Score	Max. Score possible during the year	Total Score obtained	Present Status
		2. Publication of annual financial statement on website.	1.Ranchi	10	10	10	Annual Financial Statement of all 7 AMRUT Cities has been published on the website.
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
3	Urban Planning and City Development plans	1. Make action plan to progressively increase Green cover in cities to 15% in 5 years.	1.Ranchi	10	10	00	Preparation of action plan is under process
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
		2. Develop at least one Children Park every year in AMRUT cities.	1.Ranchi	10	10	10	Work awarded for development of 1 children park each in all 7 AMRUT Cities.
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
4.	Municipal tax and fees improvement.	1. At least 90% coverage.	1.Ranchi	10	10	8.571	90% and above coverage of property tax in 6 AMRUT Cities has completed.
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
		2. At least 90% collection,	1.Ranchi	10	10	0	
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
		3. Post Demand Collection Book (DCB) of tax details on the website.	1.Ranchi	10	10	10	DCB of 7 AMRUT Cities has prepared and uploaded on website
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
5.Chas	10						
6.Hazaribagh	10						
7.Giridih	10						
5.	Improvement in levy and collection of user charges	1. Separate accounts for user charges,	1.Ranchi	10	10	10	7 AMRUT Cities has been opened separate bank accounts of 5 services on Water User Charges, Property Tax, BPA Fees, SWM Fees and Municipal License Fee.
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
		2. At least 90% billing	1.Ranchi	10	10	10	More than 90% billing report has
			2.Deoghar	10			

2628
13/05/16

Handwritten signature

Handwritten signature

Handwritten signature

S.No	Type	Steps	Name of ULBs	ULB Wise Score	Max. Score possible during the year	Total Score obtained	Present Status		
6	Energy and Water audit	3. At least 90% collection	3.Dhanbad	10	10	0	been received from all the 7 AMRUT Cities.		
			4.Adityapur	10					
			5.Chas	10					
			6.Hazaribagh	10					
			7.Giridih	10					
			1.Ranchi	10					
			2.Deoghar	10					
		1. Energy (Street lights) and Water Audit (including non-revenue water or losses audit),	3.Dhanbad	10			10	0	
			4.Adityapur	10					
			5.Chas	10					
			6.Hazaribagh	10					
			7.Giridih	10					
			1.Ranchi	10					
			2.Deoghar	10					
2. Making STPs and WTPs more energy efficient,	3.Dhanbad	10	10	0					
	4.Adityapur	10							
	5.Chas	10							
	6.Hazaribagh	10							
	7.Giridih	10							
	1.Ranchi	10							
	2.Deoghar	10							
3. Optimize energy consumption in street lights by using energy efficient lights and increasing reliance on renewable energy,	3.Dhanbad	10	10	10	Sodium Lights are being converted to LED Lights in all the 7 AMRUT cities.				
	4.Adityapur	10							
	5.Chas	10							
	6.Hazaribagh	10							
	7.Giridih	10							
	1.Ranchi	10							
	2.Deoghar	10							
Sub Total ULB (A)					160	108.57			

2028
13/05/16

S.No	Type	Steps	Maximum Score possible during the year	Total Score obtained	Present Status
State Level Achievement					
1	Constitution and professionalization of Municipal cadre	a) Policy for engagement of interns in ULBs and implementation.	10	10	Policy has been notified.
2	Devolution of funds and functions.	a) Ensure transfer of 14th FC devolution to ULBs.	10	10	1st & 2nd Installment has been already transferred to ULBs.

Auth

P

Y

		b) Appointment of State Finance Commission (SFC) and making decisions.	10	10	3rd State Finance Commission (SFC) appointed.
		c) Transfer of all 18 functions to ULBs.	10	10	Already Transferred and provisioned in Jharkhand Municipal Act-2011
3	Urban Planning and City Development plans	1. Preparation of Service Level Improvement Plans (SLIP), State Annual Action Plans (SAAP).	10	10	SLIP and SAAP of FY 2015-16 submitted to MoUD
		2. Establish a system for maintaining of parks, playground and recreational areas relying on People Public Private Partnership (PPPP) model.	10	10	JHARPARK has been constituted by DEF&CC, GoJ
4	Review of Building by-laws.	1. Revision of building bye laws periodically.	10	10	Building Bye laws of Jharkhand-2016 has been approved and notified
		2. Create single window clearance for all approvals to give building permissions.	10	10	Already Existing
5	Municipal tax and fees improvement.	1. Make a policy to, periodically revise property tax, levy charges and other fees,	10	10	Jharkhand Property Tax Rules has been revised and notified
		2. Achieve full potential of advertisement revenue by making a policy for destination specific potential having dynamic pricing module.	10	10	Advertisement policy 2016 has been notified.
6	Improvement in levy and collection of user charges.	1. Adopt a policy on user charges for individual and institutional assessments in which a differential rate is charged for water use and adequate safeguards are included to take care of the interests of the vulnerable.	10	10	Policy on Water user charges 2016 has been notified.
		2. Make action plan to reduce water losses to less than 20% and publish on the website .	10	00	
Sub Total State (B)			120	110	
Total (A+B)			280	218.57	78.06%

2628
13/05/16

6. SHPSC approved the above table and suggested to submit the claims for reform incentive to MoUD in prescribed format.
7. The size of SAAP for FY 2016-17 under AMRUT is Rs. 381.82 crores.
8. Director, SUDA informed that as per the decision taken in the 1st SLTC meeting, Jharkhand Urban Infrastructure Company Limited (JUIDCO) has appointed as Project Development and Management Consultant (PDMC) to provide end to end support for AMRUT mission. The decision of SLTC has been approved by SHPSC.
9. It has been conveyed to the members that in last year total 18 Projects were approved by apex committee in 3 different sectors viz. Water Supply (5 projects), Sewerage & Septage management (6 projects) and Parks (7 projects).

Amn





10. SLTC has approved the projects of 7 Parks to be developed in AMRUT Cities for a project cost of Rs. 16.82 Crores, against the approved SAAP of FY 2015-16. SHPSC has approved the decisions of SLTC.

After discussion on above mentioned points, following decisions were taken:

- i) State Annual Action Plan (SAAP) for FY 2016-17 prepared on basis of Service Level Improvement Plan (SLIP) submitted by all 7 mission cities may be recommended to MoUD for approval by apex committee. Principal Secretary, U.D.&H.D., cum State Mission Director was authorized to submit SAAP to MoUD, Govt for consideration and their approval.
- ii) Funding pattern of Govt share and State government share was discussed and decided that, Govt share for Ranchi and Dhanbad will be 1/3 of project cost and for remaining ULBs it will be 1/2 of the project cost. The state share for Ranchi and Dhanbad will be 40% of the project cost and for remaining ULBs, it will be 30% of the project cost. Balance project cost will be borne by ULB who will provide 80% of their share from their fund allocation under 14th FC.
- iii) The allocation of administrative and other expenses (A&OE) should be utilized as per AMRUT guidelines.

The meeting ended with vote of thanks to the Chair.


(Rajbala Verma)
Chief Secretary,
Jharkhand
13/5/16

Memo no.- 06A/नॉवि/AMRUT-07/2015..... 2628

Date..... 13/05/16

Copy to-

1. Private Secretary to Chief Secretary, Jharkhand
2. All members of SHPSC.
3. Joint Secretary/Director (AMRUT), MoUD, Nirman Bhawan
4. Director, SUDA
for kind information & necessary action.


(Arun Kumar Singh)
Principal Secretary to Govt.
13/5/16

CHAPTER 1: PROJECT BACKGROUND AND SUMMARY

AMRUT has been launched on 25th June, 2015 with the aim to provide basic services to households and build amenities in urban areas to improve the quality of life for all the residents, especially the poor and disadvantaged. Five Hundred cities having population of more than 1 Lakh will be benefitted by the mission.

The objectives of AMRUT are:

- ↪ Ensure that every household has access to a tap with assured supply of water and a sewerage connection.
- ↪ increase the amenity value of cities by developing greenery and well maintained open spaces (e.g. parks) and,
- ↪ reduce pollution by switching to public transport or constructing facilities for non-motorized transport (e.g. walking and cycling)

Ministry of Urban Development has identified 7 cities of the state of Jharkhand. The selection has been done basis of Census Data-2011. These cities are mentioned below:

S. No.	Name of City	Population (As per Census 2011)
1	Ranchi	10,73,427
2	Dhanbad	11,62,472
3	Deoghar	2,03,123
4	Chas	1,56,888
5	Adityapur	1,74,355
6	Hazaribag	1,97,466
7	Giridih	1,14,533

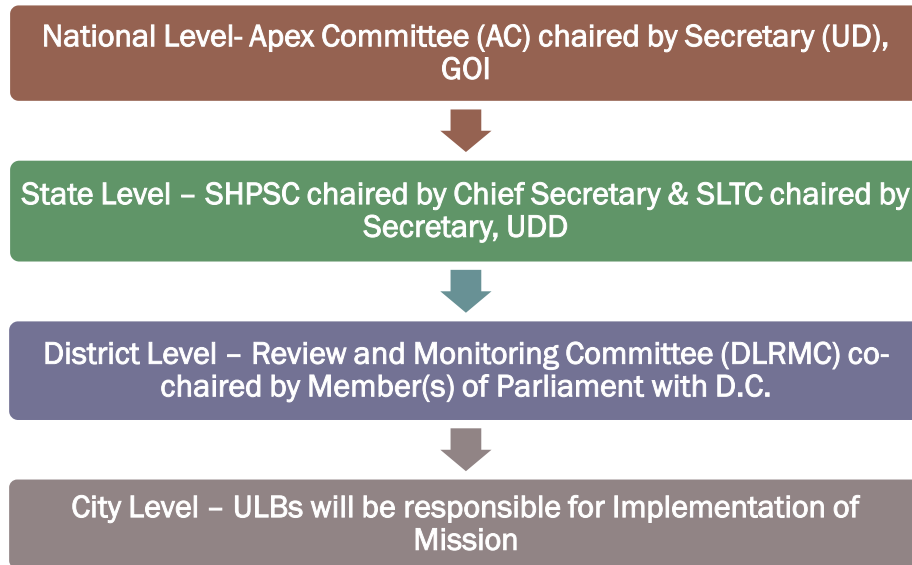
According to the mission guideline, Government of India will provide 50% of the project cost to the cities less than 10 Lakh and 1/3 of the project cost to the cities having a population of more than 10 Lakhs. The mission will focus on following thrust areas:

- ↪ Water Supply,
- ↪ Sewerage facilities and septage management,
- ↪ Storm Water drains to reduce flooding,
- ↪ Pedestrian, non-motorized and public transport facilities, parking spaces,
- ↪ Enhancing amenity value of cities by creating and upgrading green spaces, parks and recreation centers, especially for children.

MANAGEMENT STRUCTURE

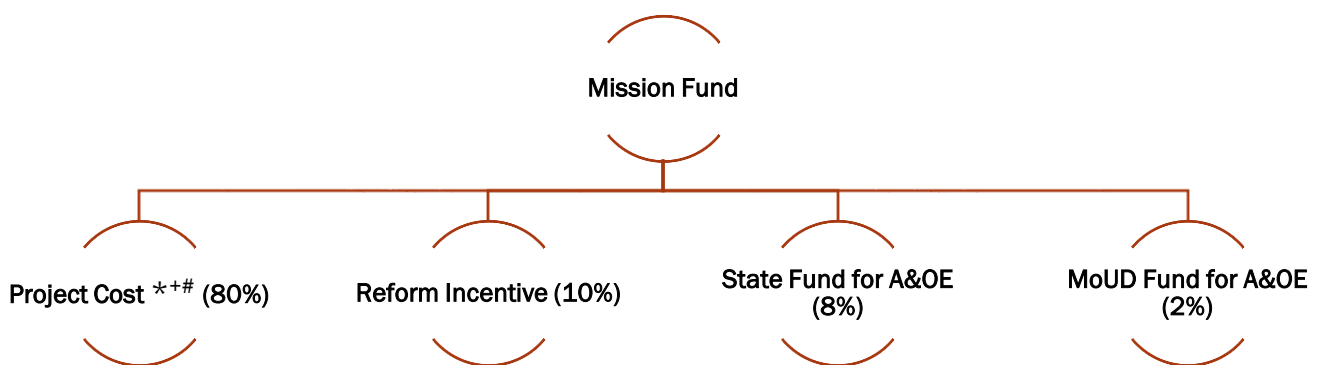
For successful implementation and close monitoring of the project, State Level High Powered Steering Committee (SHPS) has declared State Urban Development Agency (SUDA) as state level nodal agency of the scheme and Director, SUDA as Nodal officer of the project. The State Mission Management Unit (SMMU) and

City Mission Management Unit (CMMU) functions under the supervision of Director, SUDA. Apart from this, State Level Technical Committee (SLTC) has approved the appointment of Jharkhand Urban Infrastructure Company Limited (JUIDCO) as Project Development and Management Consultant (PDMC) to provide end-to-end support. The projects are identified after mandatory consultations with concerned ULBs and its residents. Accordingly, ULB has identified the projects and then put up into their Service Level Improvement Plans (SLIPs) on the specified format availed by MoUD. After the submission of SLIPs, state has aggregated it to State Annual Action Plan (SAAP). The prepared SAAP have submitted for their consideration. SHPSC has decided to consider the SAAP of FY 2016-17 to recommend for approval from the Apex Committee.



FUNDING ALLOCATION

According to the approved funding pattern by SHPSC, following is the funding pattern for allocation of funds:



*Gol share for Ranchi & Dhanbad is 1/3 of project cost. For rest of the ULBs, it is 1/2 of the project cost

*State share for Ranchi & Dhanbad is 40% of project cost. For rest of the ULBs, it is 30%

#Balance project cost is ULB Share.

COMPONENT WISE BREAK-UP OF FUND ALLOCATION

There are 5 components of AMRUT mission. Fund allocation will be segregated to all 5 mission components. However, Water Supply and Sewerage & Septage Management will be focus area in first phase. In this regards, State has identified the projects for mission period for all 5 components. Component wise break-up of fund allocation are mentioned in the below table.

Component wise break-up of mission fund

Component	Amount (₹ in Crores)
Water Supply	1584.99
Sewerage & Septage Management	1354.16
Storm Water Management	918.38
Urban Transport	26.05
Green Spaces	35.00
Total	3918.58

Component wise allocation

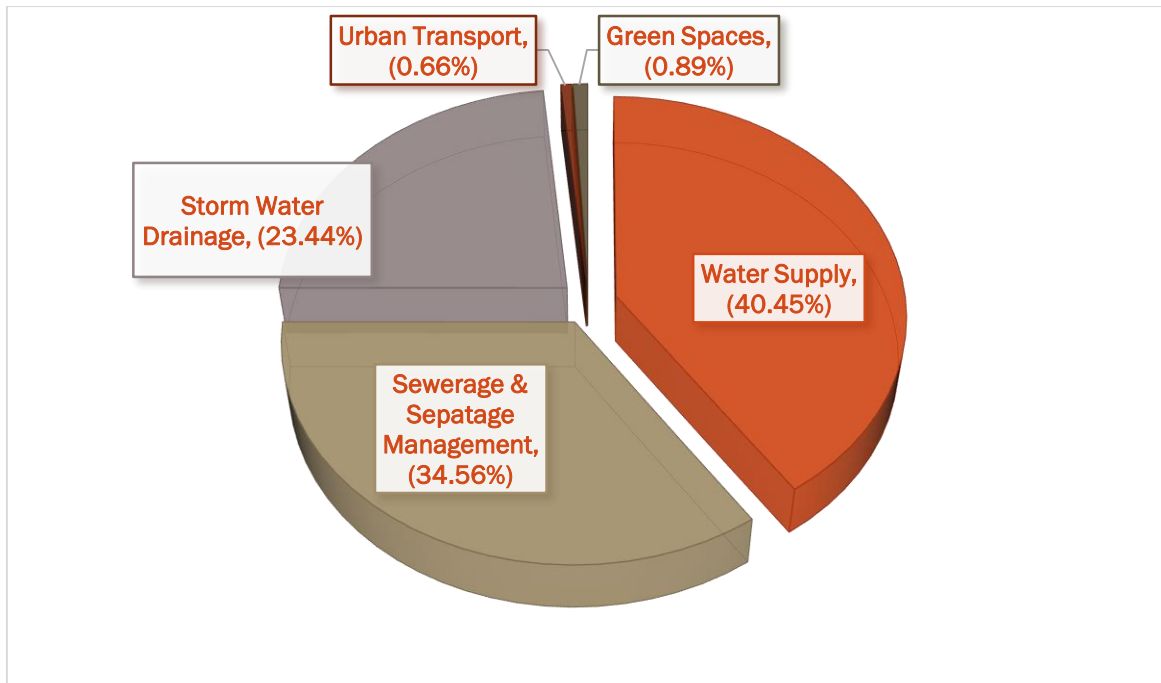


Table 1.1: Breakup of Total MoUD Allocation in AMRUT

Name of State –Jharkhand

FY- 2016-17

(Amount in Crores)

Total Central funds allocated to State	Allocation of Central funds for A&OE (@ 8% of Total given in column 1)	Allocation of funds for AMRUT (Central share)	Multiply col. 3 by x3) for AMRUT on col. 4 (project proposal to be three- times the annual allocation - CA)	Add equal (col. 4) State/ULB share	Total AMRUT annual size (cols.2+4+5)
1	2	3	4	5	6
67.82	5.024	62.80	188.40	188.40	381.82

Table 1.2.1: Abstract-Sector Wise Proposed Total Project Fund and Sharing Pattern

Name of State –Jharkhand

FY 2016-17

(Amount in Crores)

SI No	Sector	No of Projects	Centre	State	ULB	Convergence	Others	Total Amount
1	Water Supply	5	96.33	84.10	56.07	-	-	236.50
2	Sewerage & Septage Management	5	65.40	39.24	26.16	-	-	130.80
3	Drainage	0	0.00	0.00	0.00	-	-	0.00
4	Urban Transport	0	0.00	0.00	0.00	-	-	0.00
5	Green Spaces and Parks	7	4.08	3.25	2.17	-	-	9.50
	Grand Total	17	165.81	126.59	84.40	-	-	376.80

Table 1.2.2: Abstract-Break-up of Total Fund Sharing Pattern

Name of State – Jharkhand

 FY 2016-17
 (Amount in Crores)

SI No	Sector	Centre	State			ULBs			Convergence	Others	Total
		Mission	14th FC	Others	Total	14th FC	Others	Total			
1	Water Supply	96.33		84.10	84.10	44.86	11.21	56.07	-	-	236.50
2	Sewerage & Septage Management	65.40		39.24	39.24	20.93	5.23	26.16	-	-	130.80
3	Drainage	0.00		0.00	0.00	0.00	0.00	0.00	-	-	0.00
4	Urban Transport	0.00		0.00	0.00	0.00	0.00	0.00	-	-	0.00
5	Green Spaces and Parks	4.08		3.25	3.25	1.73	0.43	2.17	-	-	9.50
	Grand Total	165.81		126.59	126.59	67.52	16.87	84.40	-	-	376.80

Table 1.3: Abstract use of funds on projects (Ongoing & New)

Name of State – Jharkhand

 FY 2016-17
(Amount in Crores)

Sector	Total Project Investment	Committed Expenditure (if any) from Previous Year(2015-16)							Proposed Spending during current Financial Year							Balance Carry Forward for Next Financial Year								
		Centre	State			ULB			Centre	State			ULB			Centre	State			ULB				
			14th FC	OTH	Total	14th FC	OTH	Total		14th FC	OTH	Total	14th FC	OTH	Total		14th FC	OTH	Total	14th FC	OTH	Total		
Water Supply																								
Sewerage & Septage Management																								
Drainage																								
Urban Transport																								
Green Spaces and Parks	16.83	3.17	0.00	12.13	12.13	1.23	0.30	1.53	NA							NA								
Grand Total	16.83	3.17	0	12.13	12.13	1.23	0.30	1.53																

Table 1.4: Abstract Plan for achieving Service Level Benchmarks (equal to table 3.5 of guideline)

Name of State – Jharkhand

FY- 2016-17

Proposed Priority Projects	Total Project Cost (In Crores)	Indicator	Baseline	Annual Targets based on Master Plan (Increment from the Baseline Value)				
				Achieved in FY 2015-16	FY 2017	FY 2018	FY 2019	FY 2020
Water Supply								
Water Supply Projects in all 7 AMRUT cities	1584.99	Household level coverage of direct water supply connections	29.00	37.02	51.00	71.00	100.00	-
		Per capita quantum of water supplied	82.00	89.08	97.00	109.00	135.00	-
		Quality of water supplied	98.50	100.00	-	-	-	-
Sewerage and Septage Management								
Sewerage and Septage Management Projects in all 7 AMRUT cities	1354.16	Coverage of latrines (individual or community)	75.00	81.50	100.00	-	-	-
		Coverage of sewerage network services	0.00	0.00	10.00	30.00	50.00	80.00
		Efficiency of Collection of Sewerage	4.00	6.00	15.00	35.00	55.00	80.00
		Efficiency in treatment	0.00	0.00	25.00	50.00	75.00	100.00

Proposed Priority Projects	Total Project Cost (In Crores)	Indicator	Baseline	Annual Targets based on Master Plan (Increment from the Baseline Value)				
				Achieved in FY 2015-16	FY 2017	FY 2018	FY 2019	FY 2020
Drainage								
Drainage Projects in all 7 AMRUT cities	918.38	Coverage of storm water drainage network	10.00	49.70	55.00	70.00	85.00	100.00
Urban Transport								
Parking and footpaths	26.05	Service coverage of urban transport in the city	Indicators are proposed for Non-motorized transport					
		Availability of urban transport per 1000 population	-	-	-	-	-	-
Parks and Green Spaces								
Development of Parks and Green Spaces in all 7 AMRUT cities	35.0	-	At least one children park will be developed in each FY.					

Table 3.2: Sector wise break-up of consolidated investments for all ULBs in the state

Name of State –Jharkhand

							FY 2016-17
							(Amount in Crores)
Name of City	Water Supply	Sewerage and Septage Management	Drainage	Urban Transport	Green Spaces and Parks	Reforms and Incentives	Total Amount
1	2	3	4	5	6	7	8
Ranchi	54.50	0.00	0.00	0.00	2.00	Budget included in Table No. 4 (A&OE)	56.50
Deoghar	25.00	29.00	0.00	0.00	1.00		55.00
Hazaribagh	0.00	24.00	0.00	0.00	1.00		25.00
Giridih	50.00	26.00	0.00	0.00	1.00		77.00
Adityapur	0.00	24.00	0.00	0.00	1.00		25.00
Chas	30.00	27.80	0.00	0.00	1.50		59.30
Dhanbad	77.00	0.00	0.00	0.00	2.00		79.00
Total	236.50	130.80	0.00	0.00	9.50		0.00
Total Project Investment							376.80
A&OE							5.024
Grand Total							381.82

Table 3.4: SAAP- Year wise share of investments for all sectors (ULB Wise)

Name of State –Jharkhand

FY 2016-17

(Amount in Crores)

Name of City	Total Project Investment	Committed Expenditure (if any) from Previous Year (2015-16)							Proposed Spending during current Financial Year							Balance Carry Forward for Next Financial Years						
		Centre	State			ULB			Centre	State			ULB			Centre	State			ULB		
			14th FC	OTH	Total	14th FC	OTH	Total		14th FC	OTH	Total	14th FC	OTH	Total		14th FC	OTH	Total	14th FC	OTH	Total
Ranchi	909.6	37.1	0.0	44.5	44.5	23.8	5.9	29.7	18.8	0.0	22.6	22.6	12.1	3.1	15.1	246.7	0.0	296.1	296.1	157.9	39.5	197.4
Deoghar	241.6	18.5	0.0	11.1	11.1	5.9	1.5	7.4	27.5	0.0	16.5	16.5	8.8	2.2	11.0	74.8	0.0	44.9	44.9	23.9	6.0	29.9
Hazaribagh	682.0	23.0	0.0	13.8	13.8	7.4	1.8	9.2	12.5	0.0	7.5	7.5	4.0	1.0	5.0	305.5	0.0	183.3	183.3	97.8	24.4	122.2
Giridih	508.0	8.0	0.0	4.8	4.8	2.6	0.6	3.2	38.5	0.0	23.1	23.1	12.3	3.1	15.4	207.5	0.0	124.5	124.5	66.4	16.6	83.0
Adityapur	445.4	23.0	0.0	13.8	13.8	7.4	1.8	9.2	12.5	0.0	7.5	7.5	4.0	1.0	5.0	187.2	0.0	112.3	112.3	59.9	15.0	74.9
Chas	268.0	28.0	0.0	16.8	16.8	9.0	2.2	11.2	29.7	0.0	17.8	17.8	9.5	2.4	11.9	76.6	0.0	46.0	46.0	24.5	6.1	30.6
Dhanbad	864.1	0.3	0.0	0.4	0.4	0.2	0.1	0.3	26.3	0.0	31.6	31.6	16.9	4.2	21.1	261.7	0.0	314.0	314.0	167.5	41.9	209.4
Total	3918.6	138.0	0.0	105.2	105.2	56.1	14.0	70.2	165.8	0.0	126.6	126.6	67.5	17.0	84.5	1359.9	0.0	1121.1	1121.1	597.9	149.5	747.4

CHAPTER 2: REVIEW OF STATE ANNUAL ACTION PLAN (SAAP)

The State Annual Action Plan of Jharkhand for FY 2015-16 has been approved by Apex Committee in its 2nd meeting. Before the preparation of SAAP for FY 2016-17, state has considered the recommendation of apex committee. Only the projects of park development are being implemented this year but the DPRs of each project is being prepared in accordance to AMRUT guidelines and keeping the achievement of Service Level Benchmark in concern.

PROJECT PROGRESS

In this section the physical and financial progress is reviewed. Please complete the following table and respond to the questions.

Sl. No	Name ULB	Approved SAAP		DPR (Y/N)	SLTC (Y/N)	Work Order (Y/N)	Implementation Progress		Amount disbursed till date (In Crore)
		Project name	Amount				Physical (%)	Financial (%)	
1.	Ranchi	Sewerage	40.36	Y	-	N	-	-	-
2.		Park	1.00	Y	Y	Y	-	-	1.59
3.		Water Supply	70.00	N	N	N	-	-	-
4.	Deoghar	Park	1.00	Y	Y	Y	-	-	3.34
5.		Water Supply	20.00	N	N	N	-	-	-
6.		Sewerage	16.00	Y	N	N	-	-	-
7.	Adityapur	Park	1.0	Y	Y	Y	-	-	4.47
8.		Water Supply	30.00	N	N	N	-	-	-
9.		Sewerage	15.00	N	N	N	-	-	-
10.	Hazaribag	Park	1.00	Y	Y	Y	-	-	1.65
11.		Water Supply	30.00	N	N	N	-	-	-
12.		Sewerage	15.00	N	N	N	-	-	-
13.	Chas	Park	1.00	Y	Y	Y	-	-	1.36
14.		Water Supply	40.00	N	N	N	-	-	-
15.		Sewerage	15.00	N	N	N	-	-	-
16.	Giridih	Sewerage	15.00	N	N	N	-	-	1.04
17.		Park	1.00	Y	Y	Y	-	-	-
18.	Dhanbad	Park	1.00	Y	Y	Y	-	-	3.37

- Have DPRs been prepared for all projects approved earlier? If not, then which are the projects for which DPR is pending and why? (500 words)

Jharkhand Urban Infrastructure Development Company Limited (JUIDCO) has been appointed as PDMC & is mandated to prepare DPRs for all the projects. Last year total 18 projects were approved in 3 different sectors viz. Water Supply (5), Sewerage & Septage management (6) & Parks (7). All 7 DPRs pertaining to parks have been prepared and approved by the competent authority. Our water supply and sewerage & septage management projects are integrated city wide projects, which will help us in achieving the required benchmarks. Since these are city wide projects, so preparation of DPRs is taking a bit more time but it will help us in implementing the projects in coherent manner and for subsequent

years we will not be requiring any separate DPRs and only fund allocation of AMRUT based on the approved SAAP will be required. The component wise status of the DPRs is mentioned below: -

Sewerage & Septage Management

The PDMC (JUIDCO Ltd.) has awarded the work for preparation of DPR and PMC services for Integrated Sewerage and Drainage in 6 towns under AMRUT (excluding Ranchi).

Ranchi: DPR of Sewerage & Drainage for Zone-2,3&4 is available. Implementation work of Zone-1 has been started under JnNURM. Project for Zone-2,3, &4 is planned to be taken up with other scheme.

Giridih: Draft DPR for Giridih has been submitted. However, the DPR has not yet been approved due to unavailability of NOC for land parcel as proposed for STP and service level benchmark of 135 lpcd water supply as proposed by CPHEEO manual for sewerage system. The consultant has been advised to look for the possibility of implementing septage management.

Chas: Draft DPR of Chas has been submitted by consultant considering sewerage network with 135 lpcd water supply. However, only 60-70 lpcd water is being supplied in existing scenario. Also, the land proposed by consultant will go under acquisition process and NOC will then be issued for soil investigation. The consultant has been advised to look for the possibility of implementing septage management.

Hazaribag: Draft DPR for Hazaribagh has been submitted by the consultant. However, the land parcels identified by the consultant for STP and ISPS have not yet been made available for soil investigations, which will form a part of DPR. The consultant has been advised to look for the possibility of implementing septage management.

Deoghar: Draft DPR for Deoghar has been submitted considering only 1 centralized STP for entire town and 2 ISPS. The consultant has been asked to re-draft the DPR by zoning the town and proposing at least 2 STPs so that construction can be done zone-wise. The consultant has been advised to look for the possibility of implementing septage management.

Water Supply Scheme

The PDMC (JUIDCO Ltd.) has awarded the work for preparation of DPRs of all the approved water supply schemes. FR of Chas has been submitted and approved. The Draft DPR of the same is expected by end of June. FR of Ranchi is expected to be submitted by mid-June. FR of Deoghar water supply scheme is expected by end of June. Survey works for preparation of DPR in Hazaribag & Adityapur is in progress.

- **What is the plan of action for the pending DPRs? (300 words)**

The major issue behind pending DPR is unavailability of land parcels for STP, WTP, ISPS etc. As of now, in most of the cases, land has been identified and process of transfer has already been initiated. In some cases, where land acquisition is required, we are looking for alternate land parcels where government land can be used for municipal purposes. Apart from land, since our projects are pan city

projects the collection of legacy data is also a major hurdle. In case of sewerage system, non-availability of sufficient water supply is major cause of concern and to overcome this, now we are proposing septage management in all the cities.

State Government is also conducting series of citizen consultation to increase the awareness among the different stakeholders and getting feedback from them.

- **How many SLTC meetings had been held in the State? How many DPRs have been approved by the SLTC till date? (250 words)**

There is one SLTC meeting was held on 28.04.2016. In that meeting, SLTC had approved the DPRs of Development of Parks in all 7 AMRUT cities worth Rs. 16.82 crores in which GOI share is only 3.16 crores as per the approved SAAP. Although SLTC has only one formal meeting, but DPR status of all AMRUT projects are appraised by Principle Secretary, U.D.& H.D. who is also the chairman of the SLTC, on monthly basis with the consultants. Similar review meetings are also organized at the level of PDMC and mission directorate.

- **By when will the pending DPRs be approved by the SLTC and when will implementation start? (250 words)**

Most of the DPRs of sewerage & septage management are in final stage. The draft DPRs of Giridih, Deoghar and Chas have already been submitted by the consultant and are being examined by PDMC followed by the technical cell of U.D.&H.D. After approval of such DPRs, consultant will submit the final DPRs. These DPRs will be sent to technical cell for technical approvals.

The FRs of Deoghar & Dhanbad will be submitted by the end of May and first set of DPR will be available in the mid of June alongwith the BoQ. Similarly, FRs of Chas & Giridih has also been submitted and DPRs are expected by the end of May.

SLTC meeting will be called within 7 working days after getting the technical approvals of such DPRs from technical cell.

- **Based on the identification of delayed projects and the reasons for slow physical progress, what is the plan of action to speed-up the projects? (300 words)**

For water supply projects, DPRs are in final stages and it is expected by mid-June, we will start tendering process for different water supply projects. Similarly, for sewerage and septage management projects, since now we have already moved towards septage management, land issues have been simplified and since all the survey works has also been carried out, finalisation of DPRs will not take much of time.

- **How much amount has been utilized and what is the percentage share of the funding agencies? Are there any deviations from the approved funding pattern approved by the Apex Committee? (tabular form and 500 words)**

Till now, only 7 parks projects have been started and rest projects will be taken up very shortly.

For parks projects, the comparative statement of approval of apex committee and final approval by the SLTC in terms of funding pattern is described in the table below:

(Amount in Crores)

S.N.	Name of City	GOI Share		State Share		ULB Share		Total Project Cost	
		SAAP	SLTC	SAAP	SLTC	SAAP	SLTC	SAAP	SLTC
1.	Ranchi	0.33	0.33	0.4	1.00	0.26	0.26	1.00	1.59
2.	Dhanbad	0.33	0.33	0.4	2.77	0.26	0.26	1.00	3.37
3.	Deoghar	0.50	0.50	0.3	2.64	0.2	0.2	1.00	3.34
4.	Chas	0.50	0.50	0.3	0.66	0.2	0.2	1.00	1.36
5.	Adityapur	0.50	0.50	0.3	3.77	0.2	0.2	1.00	4.47
6.	Hazaribag	0.50	0.50	0.3	0.95	0.2	0.2	1.00	1.65
7.	Giridih	0.50	0.50	0.3	0.34	0.2	0.2	1.00	1.04

- List out the projects where release of funds to ULBs by the State was delayed?

State has immediately released the fund of all the projects approved by SLTC.

- In how many ULBs implementation was done by agencies other than ULBs? Was a resolution taken from all ULBs? (tabular and 200 words)

Implementation of all the park projects is being done by the ULBs themselves. If required, for implementation of bigger and complex projects like water supply and sewerage and septage management, ULB may request PDMC (JUIDCO Ltd.) to implement the project. In all such cases, ULBs will strictly follow the guideline enshrined in AMRUT project.

- List out the projects where the assessed value approved by the Apex Committee was greater than the tendered value and there was a saving? Was this addressed by the HPSC in the present SAAP? (tabular and 200 words)

There is no such case.

- List out the number of city-wise projects where the second and third installments were claimed. (Tabular form).

According to the mission guideline, subsequent installment could only have claimed after the utilization of 75% of previous installments received. As the implementation of projects are about to start, 2nd and 3rd installment couldn't be claimed.

- List out the city-wise completed projects. Was the targeted benchmark achieved? Explain the reasons for non-achievement (tabular form and 400 words)

All the projects approved by the Apex committee is under progress and has not been completed yet. However, the projects are designed to achieve the Service Level Benchmarks set by MoUD.

- List out the details of projects taken up in PPP model. Describe the type of PPP (tabular; 300 words)

As of now, only parks projects have been taken up. These projects are taken up in EPC mode however, the O & M of these parks will be carried out on PPP mode. It is also planned to take up water supply projects of Hazaribag and Adityapur on PPP mode.

- List out and describe any out-of-the-box initiatives/Smart Solutions/resilience used/incorporated in the projects under implementation. What is the nature of the innovation in the projects? (tabular; 300 words)

SERVICE LEVELS

The focus of AMRUT is to achieve service level benchmarks, such as universal coverage in water supply, sewer connections, and so on. In the approved SAAPs, the States/ULBs have targeted the benchmark of universal coverage. The SAAP has to review the progress towards targets set by the States/ULBs to move towards achievement of universal coverage, etc. Please complete the following table and respond to the questions based on the table.

Sector : Water Supply Scheme				
Name of the City	Service Level Benchmark	SAAP Baseline (as in 2015)	SAAP Mission Target	For the last FY
Ranchi	Household level coverage of direct water supply connections	48%	100%	53%
	Per capita quantum of water supplied	135 lpcd	135 lpcd	98 lpcd
	Quality of water supplied	90%	100%	100%
Dhanbad	Household level coverage of direct water supply connections	21%	100%	21.57%
	Per capita quantum of water supplied	95 lpcd	135 lpcd	98 lpcd
	Quality of water supplied	80%	100%	100%
Chas	Household level coverage of direct water supply connections	6.36%	100%	12.77%
	Per capita quantum of water supplied	40 lpcd	135 lpcd	44.61 lpcd
	Quality of water supplied	40%	100%	100%
Deoghar	Household level coverage of direct water supply connections	26%	100%	28.41%
	Per capita quantum of water supplied	69.33 lpcd	135 lpcd	69.33 lpcd
	Quality of water supplied	100%	100%	100%
Adityapur	Household level coverage of direct water supply connections	20%	100%	20%
	Per capita quantum of water supplied	60 lpcd	135 lpcd	64 lpcd
	Quality of water supplied	85%	100%	100%
Hazaribag	Household level coverage of direct water supply connections	19.68%	100%	28.13%
	Per capita quantum of water supplied	77.34 lpcd	135 lpcd	77.34 lpcd
	Quality of water supplied	96%	100%	100%
Giridih	Household level coverage of direct water supply connections	29.30%	100%	34.26%
	Per capita quantum of water supplied	61 lpcd	135 lpcd	70 lpcd
	Quality of water supplied	96%	100%	100%

Sector : Sewerage & Septage Management				
Name of the City	Service Level Benchmark	SAAP Baseline (as in 2015)	SAAP Mission Target	For the last FY
Ranchi	Coverage of latrines (individual or community)	70%	100%	77%
	Coverage of sewerage network services	0	100%	0
	Efficiency of Collection of Sewerage	0	100%	0
	Efficiency in treatment	0	100%	0
Dhanbad	Coverage of latrines (individual or community)	81%	100%	86%
	Coverage of sewerage network services	0	100%	0
	Efficiency of Collection of Sewerage	0	100%	0
	Efficiency in treatment	0	100%	0
Chas	Coverage of latrines (individual or community)	75%	100%	85%
	Coverage of sewerage network services	0	100%	0
	Efficiency of Collection of Sewerage	0	100%	0
	Efficiency in treatment	0	100%	0
Deoghar	Coverage of latrines (individual or community)	71%	100%	78%
	Coverage of sewerage network services	0	100%	0
	Efficiency of Collection of Sewerage	0	100%	0
	Efficiency in treatment	0	100%	0
Adityapur	Coverage of latrines (individual or community)	78%	100%	86%
	Coverage of sewerage network services	0	100%	0
	Efficiency of Collection of Sewerage	0	100%	0
	Efficiency in treatment	0	100%	0
Hazaribag	Coverage of latrines (individual or community)	60%	100%	74%
	Coverage of sewerage network services	0	100%	0
	Efficiency of Collection of Sewerage	0	100%	0
	Efficiency in treatment	0	100%	0
Giridih	Coverage of latrines (individual or community)	82%	100%	90%
	Coverage of sewerage network services	0	100%	0
	Efficiency of Collection of Sewerage	0	100%	0
	Efficiency in treatment	0	100%	0

Sector : Storm Water Drainage				
Name of the City	Service Level Benchmark	SAAP Baseline (as in 2015)	SAAP Mission Target	For the last FY
Ranchi	Coverage of storm water drainage network	44%	100%	52%
Dhanbad	Coverage of storm water drainage network	60%	100%	60%
Chas	Coverage of storm water drainage network	30%	100%	30%
Deoghar	Coverage of storm water drainage network	13%	100%	18%
Adityapur	Coverage of storm water drainage network	23%	100%	30%
Hazaribag	Coverage of storm water drainage network	30%	100%	35%
Girdih	Coverage of storm water drainage network	47%	100%	47%

- In how many projects, city-wise, have targets not been achieved? What is the Plan for Action to achieve the targets? (tabular form; 500 words)

The city-wise projects have been proposed to achieve the Service Level Benchmark. However, the implementation of projects couldn't start in last FY. Component wise plan of action to achieve the target is given below:

Water Supply Scheme

The project has been proposed in 5 AMRUT cities. All of the projects are integrated city wide projects, which will help us in achieving the required benchmarks. The preparation of DPRs is taking a bit more time but it will help us in implementing the projects in coherent manner. One of the major reason for delay in finalization of DPRs is collection of legacy data.

Plan of Action: The PDMC (JUIDCO) has awarded the work for preparation of DPRs of all the approved water supply schemes. FR of Chas has been submitted and approved. The Draft DPR of the same is expected by end of June. FR of Ranchi is expected to be submitted by mid-June. FR of Deoghar water supply scheme is expected by end of June. Survey works for preparation of DPR in Hazaribag & Adityapur is in progress.

Sewerage & Septage Management

The project has been proposed in 6 AMRUT cities (except Ranchi). However, the targets have not yet been achieved due to various unavoidable circumstances. One of the major reason is the unavailability of land due to which the soil investigations and block level survey could not be completed which forms an integral part of the DPR and DPR could not be approved without the said details.

One more reason is the unavailability of adequate water supply, i.e. 135 lpcd water supply as per CPHEEO manual which is required for any sewerage system to work efficiently.

Plan of Action: In the light of unavailability of adequate water supply, septage management has been proposed. With septage management the land identification issue also becomes quite simple and we are able to earmarked government land for this project in most of the towns.

- **What are the status of the ongoing DPR preparation and the plan of action for the pending DPRs? (300 words)**

Jharkhand Urban Infrastructure Development Company Limited (JUIDCO) has been appointed as PDMC & is mandated to prepare DPRs for all the projects. Last year total 18 projects were approved in 3 different sectors viz. Water Supply (5), Sewerage & Septage management (6) & Parks (7). All 7 DPRs pertaining to parks have been prepared and approved by the competent authority. Our water supply and sewerage & septage management projects are integrated city wide projects, which will help us in achieving the required benchmarks. Since these are city wide projects, so preparation of DPRs is taking a bit more time but it will help us in implementing the projects in coherent manner and for subsequent years we will not be requiring any separate DPRs and only fund allocation of AMRUT based on the approved SAAP will be required. The component wise status of the DPRs is mentioned below: -

Sewerage & Septage Management

The PDMC have the responsibility for preparation of DPR and PMC services for Integrated Sewerage and Drainage in 6 towns under AMRUT (excluding Ranchi). The city wise status of DPR is mentioned below:

Ranchi: DPR of Sewerage & Drainage for Zone-2,3&4 is available. Implementation work of Zone-1 has been started under JnNURM. Project for Zone-2,3, &4 is planned to be taken up with other scheme.

Giridih: Draft DPR for Giridih has been submitted. However, the DPR has not yet been approved due to unavailability of NOC for land parcel as proposed for STP and service level benchmark of 135 lpcd water supply as proposed by CPHEEO manual for sewerage system. The consultant has been advised to look for the possibility of implementing septage management.

Chas: Draft DPR of Chas has been submitted by consultant considering sewerage network with 135 lpcd water supply. However, only 60-70 lpcd water is being supplied in existing scenario. Also, the land proposed by consultant will go under acquisition process and NOC will then be issued for soil investigation. The consultant has been advised to look for the possibility of implementing septage management.

Hazaribag: Draft DPR for Hazaribagh has been submitted by the consultant. However, the land parcels identified by the consultant for STP and ISPS have not yet been made available for soil investigations, which will form a part of DPR. The consultant has been advised to look for the possibility of implementing septage management.

Deoghar: Draft DPR for Deoghar has been submitted considering only 1 centralized STP for entire town and 2 ISPS. The consultant has been asked to re-draft the DPR by zoning the town and proposing at least 2 STPs so that construction can be done zone-wise. The consultant has been advised to look for the possibility of implementing septage management.

Water Supply Scheme

JUIDCO Ltd. has awarded the work for preparation of DPRs of all the approved water supply schemes. FR of Chas has been submitted and approved. The Draft DPR of the same is expected by end of June. FR of Ranchi is expected to be submitted by mid-June. FR of Deoghar water supply scheme is expected by end of June. Survey works for preparation of DPR in Hazaribag & Adityapur is in progress.

Plan of Action

The major issue behind pending DPR is unavailability of land parcels for STP, WTP, ISPS etc. As of now, in most of the cases, land has been identified and process of transfer has already been initiated. In some cases, where land acquisition is required, we are looking for alternate land parcels where government land can be used for municipal purposes. Apart from land, since our projects are pan city projects the collection of legacy data is also a major hurdle. In case of sewerage system, non-availability of sufficient water supply is major cause of concern and to overcome this, now we are proposing septage management in all the cities.

State Government is also conducting series of citizen consultation to increase the awareness among the different stakeholders and getting feedback from them.

- **How many SLTC meetings had been held in the State? How many DPRs have been approved by the SLTC till date? (250 words)**

There is one SLTC meeting was held on 28.04.2016. In that meeting, SLTC had approved the DPRs of Development of Parks in all 7 AMRUT cities worth Rs. 16.82 crores in which GOI share is only 3.16 crores as per the approved SAAP. Although SLTC has only one formal meeting, but DPR status of all AMRUT projects are approved by Principle Secretary, U.D.& H.D. who is also the chairman of the SLTC, on monthly basis with the consultants. Similar review meetings are also organized at the level of PDMC and mission directorate.

CAPACITY BUILDING

The Apex Committee had approved the annual capacity building plan as proposed in State Annual Action Plan (SAAP). The approval of apex committee has received in the month of November-2015 but the empanelment of training institution with Ministry of Urban Development, Government of India (MoUD) has taken a bit more time. After the confirmation received from MOUD, quick move from state has been initiated for the MoU with the empanelled institutions. Following table shows the details about the trainings organized for 41 ULBs of Jharkhand under individual capacity building program under AMRUT:

Sl. No	Name of ULB	Name of Department	Total number to be trained in Mission period	Target to be trained during the previous Financial Year	Number fully trained during the previous Financial Year	Name training institute
1.	41 ULBs of the State	Elected Representative	630	90	0	RCUES, Lucknow
		Administration	990	90	32	
		Finance and Revenue	540	90	42	
		Engineering and Public Health	570	90	0	
		Town Planning	570	90	0	

- In how many departments was training completed as approved in the SAAP of the last Financial Year? In how many departments was training partially done and in how many departments training not done at all? Please give reasons (300 words)**

One batch training of two departments is organized in the financial year 2015-16. Details are mentioned below:

Sl. No.	Name of the Department	Name of the Training subject/ Topic	Name of the Institution	Date	No. of Participants
1.	Administration	AMRUT Orientation	RCUES, Lucknow	16-18 March 2016	32
2.	Finance and Revenue	Managing Municipal Financial Resources		19-21 March 2016	42

Jharkhand was one of the first states to get its SAAP approved by MoUD. We got approval in the month of November, but empanelment of training institution by MoUD took some time. After getting list of empanelled institutes, we requested institutes to execute MoU with the State Government, but after much persuasion, MoUD with only one institute namely RCUES, Lucknow could be signed in the month of March 16.

Due to this late signing of MoU, we hardly had any time to achieve the SAAP target and hence, there was shortfall. We could not even start the training in 3 departments and in other 2 departments, we had only one batch of training.

- List out the training institutes that could not complete training of targeted functionaries. What were the reasons and how will this be avoided in future? (tabular; 300 words)**

Till March, 2016, MoU with RCUES, Lucknow could only be executed who imparted two batch of two department's training.

Out of total 9 empanelled institutions, Government of Jharkhand had shortlisted 5 institutions and communicated through letter in the month of December itself. When none of the institution turned up,

we started following it up from January 2016 onwards through phone, mails and letters. Finally, out of five institutions only three namely; RCUES-Lucknow, IIHS-Bangalore and CGG-Hyderabad turned up with whom we have signed MoU in the months of March and April respectively.

Main reasons behind lack of required interest from the empanelled institutions are mentioned below:

- ↳ *Budgetary provision is very nominal. (especially travel and resource person fee)*
- ↳ *Institutions are situated far away from Jharkhand (except, CSE, New Delhi) where train consumes much time in travel.*
- ↳ *There is no provision of flight travel for the resource persons/ participants.*
- ↳ *Strict guideline of NIUA, which says that “if it is found that participants have not achieved significant level of learning, training cost would be reimbursed from the concerned institute, who imparted training”. Training institutions are of the opinion that they are not monitoring participants in their workplace in day- to-day basis, hence, they should not be held responsible.*

• **What is the status of utilization of funds? (250 words)**

Although we had two batches of training but funding would be done under CBUD, hence we have not utilized any fund under CB after approval of SAAP.

• **Have the participants visited best practice sites? Give details (350 words)**

A. 13 participants from ULBs including executive officer/executive engineer/junior engineer/assistant/urban planner/public representative (Ward Parshad) and state team of Jharkhand visited Municipal Corporation, Ahmadabad in the month of August 2015. They basically visited solid waste management sites (Disposal site, transfer points, processing and treatment plants), river front development of ‘Sabarmati’, lake and park management, activity point generation of ‘Kankaria Lake’. Further, the participants visited CEPT University and showed BRT system along with them. The visit was planned total for 9 days including travel, where stay in Ahmedabad was for 5 days. This visit was funded by CCBP.

The participants also visited Municipal corporation office, zonal office and ward office to see the functioning mechanism of the corporation.

B. Municipal Commissioner of Ranchi Municipal Corporation visited Chennai Municipal Corporation in last financial year to see the best practices, especially e-Governance of the corporation. The visit was organized from ULB’s own resources.

- **Have the participants attended any national/international workshops, as per guideline (Annexure 7)? (350 words)**

In the last financial year, participants have not attended any national/international workshops, as per guideline (Annexure 7). However, personnel from ULBs and state have been attending national level workshops time to time under the departmental capacity building programme in different subjects.

- **What is the plan of action for the pending activities, if any? (400 words)**

Pending activities related to individual capacity building plan will be completed this year along with the proposed activities in the current year.

In the FY 2016-17, 5 trainings comprised of 15 batches (3 batches of each training) has been proposed. Out of which one batch of two trainings was organized. Hence, 5 trainings comprised of 13 batches would be covered in the current financial year.

This year total 16 trainings comprised of 35 batches have been proposed including backlog of the last financial year. Details is mentioned on below table:

SN	FY 2016-17	No. of batches/ programmes	No. of participants per batches/ Programme	Elected Representatives	Senior officials from Municipal Functionaries and UDD	Municipal, Functionaries/ UDHD/ SMMU/ CMMU	Total Participants
A	Elected Representatives	6	30	180	0	0	180
B	Administration Department	12	30	0	50	310	360
C	Finance Department	5	30	0	25	125	150
D	Engineering and Public Health Department	6	30	0	40	140	180
E	Town Planning Department	6	30	0	35	145	180
	Sub Total (FY2016-17)	35					1050

REFORMS

An improvement in urban areas is required to achieve the objectives of economic development. However, in the current scenario, urban governance and management of the services is far from satisfactory. In order to overcome constraints and challenges, the Ministry of Urban Development has initiated institutional, fiscal and financial reforms. In this context reforms are required to be implemented to improve service delivery, institutional arrangements, municipal finances, innovative financing, etc. The future urban strategy should focus on urban reforms and further focus on regulation, and the state government is committed to implement the reforms listed under AMRUT guideline. This will help ULBs in different approaches and enhance their productivity.

As per AMRUT guideline, reforms implantation is an important aspect as 10% of incentive could be availed after successful implementation of reforms under timelines. State has self-assessed the status and mentioned the same in the below table:

S N	Reform Type	Milestones	Target for the last FY	Achievement for the last FY	Number of ULBs achieved 70 percent	Number of ULBs not achieved 70 percent
1.	E- Governance	Creation of ULBs Website	6 months	Yes, Completed Website of all 7 AMRUT Cities has been created with newly developed department's portal i.e. http://udhd.jharkhand.gov.in		
		Publication of e-newsletter. Digital India Initiatives	6 months	Yes, Completed E-Newsletter for all 7 AMRUT ULBs have been uploaded on the website.		
		Support Digital India (ducting to be done on PPP mode or by the ULB itself.)	6 months	Yes, Completed <ul style="list-style-type: none"> An initiative has taken for common duct policy with the support of TRAI. High speed internet connection facility through broadband connectivity in all the cities. Digitization of legacy data of the ULBs. 		
2.	Constitution and professionalization of Municipal cadre	Policy for engagement of interns in ULBs and implementation.	12 months	Yes. Target Achieved. Internship policy for engaging Interns in ULBs has been notified.		
3.	Augmenting double entry accounting	Complete migration to double entry accounting system and obtaining an audit certificate to the effect from FY2012-13 onwards.	12 months	Yes, Completed All 7 AMRUT Cities have been migrated to double entry accounting system		
		Publication of annual financial statement on website.	Every Year	Yes, done for FY 2015-16 AFS of all 7 AMRUT Cities has been published on the website.		
4.	Urban Planning and City Development plans	Preparation of Service Level Improvement Plans (SLIP), State Annual Action Plans (SAAP).	6 months	Yes. Completed. SLIP and SAAP of FY 2015-16 submitted to MoUD		
		Make action plan to progressively increase Green cover in cities to 15% in 5 years.	6 months	Partially Complete Preparation of action plan is under process.		
		Develop at least one Children Park every year in AMRUT cities.	Every Year	Yes, Target Achieved for last FY. Work awarded for development of 1 children park in all 7 AMRUT Cities.		
		Establish a system for maintaining of parks, playground and recreational areas relying on People Public Private Partnership (PPPP) mode	12 months	Target not achieved Completely. However, JHARPARK has been constituted by DEF&CC in Ranchi.		
5.	Devolution of funds and functions.	Ensure transfer of 14th FC devolution to ULBs.	6 months	Yes, Target achieved 1st & 2nd Installment has been already transferred to ULBs.		
		Appointment of State Finance Commission (SFC) and making decisions.	12 months	Yes, Target achieved 3rd State Finance Commission (SFC) appointed.		

S N	Reform Type	Milestones	Target for the last FY	Achievement for the last FY	Number of ULBs achieved 70 percent	Number of ULBs not achieved 70 percent
		Transfer of all 18 functions to ULBs.	12 months	Yes, Target achieved Already Transferred and provisioned in Jharkhand Municipal Act-2011		
6.	Review of Building by-laws.	Revision of building bye laws periodically.	12 months	Yes, Completed. Building Bye laws of Jharkhand-2016 has been approved and notified		
		Create single window clearance for all approvals to give building permissions.	12 months	Yes. Single window system exists		
7(a)	Municipal tax and fees improvement	At least 90% coverage.	12 months	Target of 90% and above coverage of property tax in 6 AMRUT Cities has completed.		
		At least 90% collection,	12 months	Target partially achieved		
		Make a policy to, periodically revise property tax, levy charges and other fees,	12 months	Yes, target Achieved. Jharkhand Property Tax Rules has been revised and notified vide notification no. 4353 dt.27/11/2015		
		Post Demand Collection Book (DCB) of tax details on the website.	12 months	Yes. Completed DCB of 7 AMRUT Cities has prepared and uploaded on website		
		Achieve full potential of advertisement revenue by making a policy for destination specific potential having dynamic pricing module.	12 months	Yes. Advertisement policy 2016 has been notified.		
7(b)	Improvement in levy and collection of user charges	Adopt a policy on user charges for individual and institutional assessments in which a differential rate is charged for water use and adequate safeguards are included to take care of the interests of the vulnerable.	12 months	Yes, Achieved Policy on Water user charges 2016 has been notified.		
		Make action plan to reduce water losses to less than 20% and publish on the website .	12 months	Target partially achieved		
		Separate accounts for user charges,	12 months	Yes. Completed. 7 AMRUT Cities has been opened separate bank accounts of 5 services on Water User Charges, Property Tax, BPA Fees, SWM Fees and Municipal License Fee.		
		At least 90% billing	12 months	Yes, Achieved More than 90% billing report has been received from all the 7 AMRUT Cities.		
		At least 90% collection	12 months	Target partially achieved		
8.	Energy and Water audit	Energy (Street lights) and Water Audit (including non-revenue water or losses audit),	12 months	Target not achieved completely		
		Making STPs and WTPs more energy efficient,	12 months	Target not achieved completely		
		Optimize energy consumption in street lights by using energy efficient lights and increasing reliance on renewable energy,	12 months	Yes, Target achieved Sodium Lights are being converted to LED Lights in all the 7 AMRUT cities.		

- **Have the Reform formats prescribed by the TCPO furnished?**

Yes, Reform formats prescribed by the TCPO has been furnished in SAAP.

- **Did the State as a whole complete 70 percent of Reforms? If, yes was the incentive claimed? (100 words)**

Yes, State as a whole has achieved 78.06% of the total score of reforms implementation. The same is being claimed along with SAAP in the prescribed format of AMRUT guideline.

- **What was the amount of incentive claimed? How was it distributed among the ULBs and what was it used for? (tabular; 300 words)**

As per the mission guideline, 10% of total project fund will be availed as incentive against successful completion of reforms under set timelines by MoUD. The state has prepared the relevant tables and is submitting to MoUD alongwith SAAP. This amount will be used primarily for improving the delivery mechanism, capacity building of the ULBs and implementing reforms.

- **What is the status of Reforms to be completed in the Mission period? Has advance action been taken and a Plan of Action prepared? (500 words)**

The State is committed to complete the reforms before the completion of mission period. For achieving this target, Urban Reform Cell has been formed with specialists of relevant sectors. Urban reform cell is running under mission directorate and regular monitoring is being done by Director, SUDA as well as mission director. The Urban reform cell is responsible for implementing the reforms before the timelines. As of now, certain reforms have been already achieved before the committed period such as: Online issuance of Death & Birth Certificates, Online Building Permission system, e-procurement, Grievance Redressal system, property tax management system etc. Assuring E-municipality as a service (E-MAAS), pilot project for state level application consists 22 modules has been started in Dhanbad Municipal Corporation which will be rolled out in entire state after successful implementation.

- **Give any instances of innovation in Reform implementation. (300 words)**

For achieving the reforms milestone, state has also initiated some innovative instances. The pilot project for digitization of database of property tax, water connection, municipal licenses & advertisement tax along with outsourcing of collection has been initially implemented in 3 important ULBs of the State i.e. Ranchi, Dhanbad & Chas Municipal Corporations with 3 different agencies. The agencies have prepared the database of existing household and started the collection of property tax and other revenue on behalf of ULBs. Certain percentages of total revenue collection have been paid to the agency as their service charges. This has shown a substantial improvement in revenue collection hence state decided to roll out this model in entire state. As on date, agreements with agencies have been executed and the work has already started in rest of the ULBs.

USE OF A.& O.E.

- **What are the items for which the A&OE has been used? (tabular; 250 words)**

A&OE fund of Rs. 1.75 Crore received from MoUD in FY 2015-16 for preparation of SLIPs and SAAP. Expenditure incurred in the same and utilization certificate has been submitted to GOI.

(Amount in Crore)

SN	Head/ Items	Fund Received	Expenditure	Balance	Status of U.C.
1.	Preparation of SLIP/SAAP	1.75	1.75	0.00	UC Submitted

- **Are the items similar to the approved items in SAAP or there is any deviation? If yes, list the items with reasons (tabular; 300 words)**

There is no deviation in utilization.

- **What is the utilization status of funds? (tabular; 250 words)**

Total Rs. 1.75 Crore utilized for preparation of SLIPs and SAAP. Detail statement has been mentioned in the above table.

- **Has the IRMA been appointed? What was the procedure followed? (250 words)**

IRMA has not been appointed.

- **If not appointed, give reason for delay and the likely date of appointment (100 words)**

The project implementation has just started, we will appoint Independent Review and Monitoring Agency (IRMA) very shortly.

- **Have you taken up activities connected to E-Municipality as a Service (E-MAAS)? Please give details. (250 words)**

State has initiated for E-MAAS under E-governance reform. All the services listed under E-MAAS are either in the development stage or already implemented. Agency has been selected for pilot project in Dhanbad which consists 22 modules of services are being developed. The same will be rolled over in entire state after successful implementation.

- **Have you displayed the logo and tagline of AMRUT prominently on all projects? Please give list. (tabular; 100 words)**

On all 7 projects approved by SLTC, logo of AMRUT will be displayed permanently. ULB is instructed to display the logo on all the projects which will be implemented under AMRUT.

- **Have you utilised the funds on any of the inadmissible components (para 4.4)? If yes, give list and reasons. (tabular; 350 words)**

No, the funds have not utilized in any of the inadmissible component.

FUNDS FLOW

State has disbursed the funds immediately after the approval received from SLTC. In the following table, the status of funds release and resource mobilization has been indicated:

S.No	City name	Project name	Funds flow						(Amount in Crores)	
			Gol		State		ULB/Others		Total funds flow to project	Total spent on project
			Approved amount	Disbursed	Approved amount	Disbursed	Approved amount	Disbursed		
1.	Ranchi	Parks	0.33	0.33	0.40	1.00	0.26	0.27	1.59	Work has been allotted
2.	Dhanbad	Parks	0.33	0.33	0.40	2.77	0.26	0.27	3.37	
3.	Chas	Parks	0.50	0.50	0.30	0.66	0.20	0.20	1.36	
4.	Deoghar	Parks	0.50	0.50	0.30	2.64	0.20	0.20	3.34	
5.	Adityapur	Parks	0.50	0.50	0.30	3.77	0.20	0.20	4.47	
6.	Hazaribag	Parks	0.50	0.50	0.30	0.95	0.20	0.20	1.65	
7.	Giridih	Parks	0.50	0.50	0.30	0.34	0.20	0.20	1.04	

- In how many projects, city-wise, has the full funds been sanctioned and disbursed? (tabular form; 500 words)

The table mentioned above shows the project & city-wise fund sanctioned and disbursed status. It clearly indicates that there is no delay for fund disbursement from state to ULBs.

- Identify projects where delay in funds release led to delay in project implementation? (300 words)

SLTC has approved 7 projects of parks in all AMRUT cities. The implementation of projects has been just started whereas state has disbursed the complete project cost to the respective ULBs so that no delay could be possible due to delay in funds.

- Give instances of doing more with less during implementation. (400 words)

There are no such instances as of now.

FUNDS DISBURSEMENTS AND CONDITIONS

- How many project fund request has been made to the Gol? (250 words)

After approval of State Annual Action Plan for FY 2015-16 by apex committee, Central Assistance of first 20% has been received immediately. As the project implementation has just started, request for release of subsequent installment has not been made.

- How many installments the Gol has released? (250 words)

Gol released first installment of 20% (Rs. 27.59 crore) of approved SAAP for FY 2015-16

- Is there any observation from the Gol regarding the claims made? (350 words)

No claim has been made to Gol till date.

- List out the conditions imposed by the Apex Committee, State HPSC and the SLTC. Have all the conditions been complied with? If, no identify the conditions not complied with and give reasons for non-compliance. (tabular; 500 words)

The apex committee has approved the State Annual Action Plan of Jharkhand for FY 2015-16 in condition to adhere with certain points. State has considered the observation of apex committed and submitted the ATR mentioned in the below table to SHPSC.

S.N.	Observations of Apex Committee	Action taken
1.	State Govt. need to clearly indicate about the availability of Land and other clearances. No projects should be approved by SLTC which do not have land available and no work order should be issued till receipt of all clearances from all concerned departments/ authorities.	State Govt. is keen to proposed only those projects to SLTC where availability of land has been confirmed by respective ULBs. SLTC has examined the availability of land and other clearances during approval of the projects.
2.	Action Plan for recycling/reuse of waste water & reduction of NRW should be placed before the SLTC at the time appraisal of DPRs.	The DPRs of water supply schemes & sewerage & septage management for all AMRUT cities is under preparation. However, state has notified its water user charge policy in which new connection and legalisation of illegal connection has been simplified. The state is also committed to prepare the action plan for reuse of waste water and reduction of NRW using modern technologies.
3.	The State Govt. should try to attempt convergence between the AMRUT and SBM according to mission guideline.	The convergence between AMRUT, SBM, Smart City, Namami Gange & other external agencies funded projects are being considered while preparation of SAAP.
4.	The break-up of coverage with sewerage network (Centralised & decentralised) & septage (septic tanks) may be clearly brought out during DPR approval by SLTC.	The DPRs of Sewerage and septage management for all 7 AMRUT cities is under preparation. The PDMC and consultant has instructed to avail the break-up of coverage at the time of appraisal of DPRs by SLTC.
5.	Estimates of the SAAP should be based on SSR and on not on market rates.	DPRs are being prepared according to the SSR not on the market rates.
6.	Water quality should also be analysed at consumer end.	As of now the water quality is being analysed by D.W. & S.D. They are collecting samples at consumer end and analysed the water quality in labs. Currently the water quality level of supplied water is 100%
7.	Capacity building details to be provided to NIUA/MoUD. A useful starting point will be to train engineers who have made SLIPs/SAAP.	The training has been given on time-to-time basis to ULB's personnel responsible for preparation of SLIPs.
8.	Implementation of reforms will make States/UTs eligible for annual incentive. In order to get incentives reforms should be broken up into activities with timelines and sent to TCPO by the mission director.	Implementation of reforms is in High priority of the state govt. State has even achieved some of the reforms which is committed for coming years. The activities and timelines has been sent to TCPO in prescribed format.

CHAPTER 3: STATE ANNUAL ACTION PLAN

AMRUT mission will provide project funds to ULBs through the States on the basis of proposals submitted in State Annual Action Plan (SAAP). SAAP is basically a State level service improvement plan indicating the year wise improvements in water-supply and sewerage connections to households. The basic building block for the SAAP is the SLIPs prepared by the ULBs. At the State level, the SLIPs of all Mission cities will be aggregated into the SAAP. In the below table details of the projects sector wise that are being posed for approval to the Apex Committee.

S N	City name	Project name	Estimated cost and share				Change in service levels		
			Govt	State	ULB	Total	Indicator	Existing	After project completion
1	Ranchi	Water Supply	85.21	102.26	68.17	255.64	Household level coverage of direct water supply connections	53%	100%
							Per capita quantum of water supplied	98lpcd	135lpcd
							Quality of water supplied	100%	100%
2	Dhanbad		173.08	207.70	138.47	519.25	Household level coverage of direct water supply connections	21.57%	100%
							Per capita quantum of water supplied	98lpcd	135lpcd
							Quality of water supplied	100%	100%
3	Deoghar		22.55	13.53	9.02	45.10	Household level coverage of direct water supply connections	28.41%	100%
							Per capita quantum of water supplied	69.33lpcd	135lpcd
							Quality of water supplied	100%	100%
4	Chas		63.00	37.80	25.20	126.00	Household level coverage of direct water supply connections	12.77%	100%
							Per capita quantum of water supplied	44.61lpcd	135lpcd
							Quality of water supplied	100%	100%

S N	City name	Project name	Estimated cost and share				Change in service levels			
			GoI	State	ULB	Total	Indicator	Existing	After project completion	
5	Adityapur	Sewerage & Septage Management	94.50	56.70	37.80	189.00	Household level coverage of direct water supply connections	20%	100%	
							Per capita quantum of water supplied	64lpcd	135lpcd	
							Quality of water supplied	100%	100%	
6	Hazaribag		122.50	73.50	49.00	245.00	Household level coverage of direct water supply connections	28.13%	100%	
							Per capita quantum of water supplied	77.34lpcd	135lpcd	
							Quality of water supplied	100%	100%	
7	Giridih		102.50	61.50	41.00	205.00	Household level coverage of direct water supply connections	34.26%	100%	
							Per capita quantum of water supplied	70lpcd	135lpcd	
							Quality of water supplied	100%	100%	
8	Ranchi	Project is being converged with previous/other scheme					Coverage of latrines (individual or community)	77%	Covered under SBM	
							Coverage of sewerage network services	0%	100%	
							Efficiency of Collection of Sewerage	0%	100%	
							Efficiency in treatment	0%	100%	
9	Dhanbad		Project is being converged with Namami Gange					Coverage of latrines (individual or community)	86%	Covered under SBM
								Coverage of sewerage network services	0%	100%
								Efficiency of Collection of Sewerage	0%	100%
								Efficiency in treatment	0%	100%

S N	City name	Project name	Estimated cost and share				Change in service levels		
			GoI	State	ULB	Total	Indicator	Existing	After project completion
10	Deoghar		71.95	43.17	28.78	143.90	Coverage of latrines (individual or community)	78%	Covered under SBM
							Coverage of sewerage network services	0%	100%
							Efficiency of Collection of Sewerage	0%	100%
							Efficiency in treatment	0%	100%
11	Chas		62.50	37.50	25.00	125.00	Coverage of latrines (individual or community)	85%	Covered under SBM
							Coverage of sewerage network services	0%	100%
							Efficiency of Collection of Sewerage	0%	100%
							Efficiency in treatment	0%	100%
12	Adityapur		99.18	59.51	39.67	198.36	Coverage of latrines (individual or community)	86%	Covered under SBM
							Coverage of sewerage network services	0%	100%
							Efficiency of Collection of Sewerage	0%	100%
							Efficiency in treatment	0%	100%
13	Hazaribagh		114.00	68.40	45.60	228.00	Coverage of latrines (individual or community)	74%	Covered under SBM
							Coverage of sewerage network services	0%	100%
							Efficiency of Collection of Sewerage	0%	100%
							Efficiency in treatment	0%	100%

S N	City name	Project name	Estimated cost and share				Change in service levels		
			GoI	State	ULB	Total	Indicator	Existing	After project completion
14	Giridih		72.50	43.50	29.00	145.00	Coverage of latrines (individual or community)	90%	Covered under SBM
							Coverage of sewerage network services	0%	100%
							Efficiency of Collection of Sewerage	0%	100%
							Efficiency in treatment	0%	100%
15	Ranchi	Greenspace Parks	1.67	2.00	1.33	5.00	At least one children park will be developed in each FY.	At least 5 Children parks in each of the mission city will be developed.	
16	Dhanbad		1.67	2.00	1.33	5.00			
17	Deoghar		2.50	1.50	1.00	5.00			
18	Chas		2.50	1.50	1.00	5.00			
19	Adityapur		2.50	1.50	1.00	5.00			
20	Hazaribag		2.50	1.50	1.00	5.00			
21	Giridih		2.50	1.50	1.00	5.00			

Table 3.1: SAAP –Master Plan of all projects to achieve universal coverage during the current Mission period based on Table 2.1 (FYs 2015-16 to 2019-20)

Name of State- Jharkhand

(Amount in Crores)

Sl. No.	Name of ULB (Water supply and Sewerage)	Total number of projects to achieve universal coverage	Estimated Cost (₹ in Crores)	Number of years to achieve universal coverage
1	2	3	4	5
Water Supply				
1	Ranchi	1	255.64	4
2	Deoghar	1	45.10	4
3	Hazaribag	1	245.00	4
4	Giridih	1	205.00	4
5	Adityapur	1	189.00	4
6	Chas	1	126.00	4
7	Dhanbad	1	519.25	4
	Sub Total	7	1584.99	

Sl. No.	Name of ULB (Water supply and Sewerage)	Total number of projects to achieve universal coverage	Estimated Cost (₹ in Crores)	Number of years to achieve universal coverage
Sewerage & Septage				
1	Ranchi	1	227.00	4
2	Deoghar	1	143.90	4
3	Hazaribag	1	228.00	4
4	Giridih	1	145.00	4
5	Adityapur	1	198.36	4
6	Chas	1	125.00	4
7	Dhanbad	1	286.90	4
	Sub Total	7	1354.16	
	Grand Total	14	2939.15	

Table 3.5: State level Plan for achieving Service Level Benchmarks.

Name of State – Jharkhand

FY- 2016-17

Proposed Priority Projects	Total Project Cost (In Crores)	Indicator	Baseline	Annual Targets based on Master Plan (Increment from the Baseline Value)				
				Achieved in FY 2015-16	FY 2017	FY 2018	FY 2019	FY 2020
Water Supply								
Water Supply Projects in all 7 AMRUT cities	1584.99	Household level coverage of direct water supply connections	29.00	37.02	51.00	71.00	100.00	-
		Per capita quantum of water supplied	82.00	89.08	97.00	109.00	135.00	-
		Quality of water supplied	98.50	100.00	-	-	-	-
Sewerage and Septage Management								
Sewerage and Septage Management Projects in all 7 AMRUT cities	1354.16	Coverage of latrines (individual or community)	75.00	81.50	100.00	-	-	-
		Coverage of sewerage network services	0.00	0.00	10.00	30.00	50.00	80.00
		Efficiency of Collection of Sewerage	4.00	6.00	15.00	35.00	55.00	80.00
		Efficiency in treatment	0.00	0.00	25.00	50.00	75.00	100.00

Proposed Priority Projects	Total Project Cost (In Crores)	Indicator	Baseline	Annual Targets based on Master Plan (Increment from the Baseline Value)				
				Achieved in FY 2015-16	FY 2017	FY 2018	FY 2019	FY 2020
Drainage								
Drainage Projects in all 7 AMRUT cities	918.38	Coverage of storm water drainage network	10.00	49.70	55.00	70.00	85.00	100.00
Urban Transport								
Parking and footpaths	26.05	Service coverage of urban transport in the city	Indicators are proposed for Non-motorized transport					
		Availability of urban transport per 1000 population	-	-	-	-	-	-
Parks and Green Spaces								
Development of Parks and Green Spaces in all 7 AMRUT cities	35.0	-	At least one children park will be developed in each FY.					

PRINCIPLES OF PRIORITIZATION

The state has prioritized and recommend projects for selection under AMRUT (AMRUT Guidelines; para 7). The State has identified projects based on gap analysis and financial strength of ULBs and choose those ULBs that have higher gaps in provision of water supply and sewerage. While prioritizing projects, universal coverage of water supply and sewerage has been given top priority. The proposed Smart City of Jharkhand, Ranchi has given maximum priority over all the ULBs. State has considered the formulae of calculation for Sewerage generation (80% of the household water supply) while giving the priorities to Sewerage projects. The outlines of prioritization of projects for current financial year is also enclosed at Annexure –I. Information responding to the following questions, are mentioned below: -

- **Has consultation with local MPs/ MLAs, Mayors and Commissioners of the concerned ULBs been carried out prior to allocation of funding? Give details of dates and number of participants (tabular; 250 words)**

Yes, Informal discussions have been held with all stakeholders. The Municipal Commissioners/ Additional Municipal Commissioners, Executive Officers, Executive Engineers & City Managers of the concerned ULBs have led on the preparation of the SLIPs and have sought advice from the mission directorate at the State Level. They have ensured that progress in the preparation of the SLIPs and the prioritization and funding commitments have been duly discussed at the ULB Board Meetings to ensure approval and commitment of the Elected Representatives.

- **Has financially weaker ULBs given priority for financing? Please give list. (200 words)**

Yes, the SLIP proposal of all 7 cities proposing universal coverage is considered in the SAAP. ULBs having poor financial positions have been given priority for allocation of funds.

- **Is the ULB with a high proportion of urban poor has received higher share? Please give list. (250 words)**

Yes, ULBs having high proportion of urban poor have been given priority for fund allocation.

- **Have the potential Smart cities been given preference? Please give list (200 words)**

Yes, capital city 'Ranchi' have been selected for preparation of smart city proposal under Smart City Mission. While preparing SAAP, the same has been kept in consideration and infrastructure gaps in Smart Cities have been taken on priority.

- **What is the quantum of Central Assistance (CA) allocated to the State during 2016-17? (100 words)**

As per MoUD confirmation, the amount of Central Assistance (CA) for which SAAP to be submitted by Jharkhand state is ₹188.40 Crores.

- **Has the allocation to different ULBs within State is consistent with the urban profile of the state? (260 words)**

Allocations to different ULBs have been made in line with the urban profile of the State. The amount under various GoI, GoJ and externally finance schemes such as JnNURM, UIDSSMT, and AMRUT is consistent with urban profile of the state.

IMPORTANCE OF O&M

The operation and Manitnainance (O&M) is the most critical for any infrastructure for its sustainability and ability to give designed service in its life. In present scenario, it has been observed that ULBs pay little attention to the operation and maintenance of infrastructure assets created after completion of projects. To overcome this issue, the state has provisioned O&M of 5 years for all the projects proposed in SAAP. This will ensure supply of good quality infrastructure by the agency and ensure its upkeep during the contract period. Answers to the below questions shows the state importance towards O&M of the proposed projects.

- **Do projects proposed in the SAAP include O&M for at least five years? What is the nature of O&M? (tabular; 300 words)**

Yes. O&M arrangements for all the projects proposed in the SAAP have been proposed for 5 years period wherever this arrangement shall be an integral part of the original contract. This arrangement will incentivise the contracting agency to construct good quality infrastructure or supply good quality of equipment which will last for its design life with reduced maintenance or repairs. After the contract period, the responsibility of O&M will be with the ULB.

- **How O&M expenditures are propose to be funded by ULBs/ parastatal? (200 words)**

The main funding source of O&M is revenue collected against user charges. State has signed the agreement with agencies who could collect the user charges in PPP mode. The payment of user charges has also simplified by online payment facility for the users. State is also working to implement the reforms like 'making WTP energy efficient' and reduction of NRW by encouraging modern technologies wherever possible. The ULB will also enhance its coverage and connection network and thus enhance its revenue base, and strengthen the billing and collection systems. In parks, O&M is proposed from the revenue collection from entry fee, membership fee of health club/gymnasium, rent from shops & kiosks installed.

- **Is it by way of levy of user charges or other revenue streams? (100 words)**

The O & M expenditure is proposed to be funded by the ULBs by way of user charges. The ULB will take initiatives like legalisation of illegal connections, implementation of water meter, increasing connection etc. However, in some cases the gaps of O&M expenditure will be borne by concern ULB.

- **Has O&M cost been excluded from project cost for the purpose of funding? (100 words)**

Yes, O&M cost has been excluded from the project cost for the purpose of funding. However, it will be included in the bid document. O & M cost is proposed to be borne by ULB through user charges & other resources.

- **What kind of model been proposed by States/ULBs to fund the O&M? Please discuss. (250 words)**

State has proposed to recover O&M by ULBs through imposing user charges. However, user charges may not be sufficient to recover entire O&M cost, for which innovative proposals like energy saving

projects, reuse of treated waste, reduction in NRW and other losses have been considered. The gap if still remains, shall be filled through ULBs fund/State support.

- **Is it through an appropriate cost recovery mechanism in order to make them self-reliant and cost-effective? How? (250 words)**

The aforesaid mechanism has been devised to make the ULBs self-reliant and make the project cost effective, the objective being to make the project's cost effective and sustainable. An appropriate O&M cost recovery mechanism adopting a cost-centric approach in order to have effective control over the revenues and expenditures on each sector, and accordingly adopting appropriate strategies to meet the O&M costs through user charges, effective billing and collection, tariff rationalization, use of ICT, smart metering and reconciling with electricity bills, Property Tax assessments to eliminate / reduce unauthorized connections and save costs through energy conservation and efficiency improvement in pumping stations and other electrical installations. The gap if still remains, shall be filled through ULBs fund/State support.

Table 4: SAAP - Broad Proposed Allocations for Administrative and Other Expenses

Name of State –Jharkhand

Current Mission Period- 2015-20

(Amount in Crores)

S. No.	Items proposed for A&OE	Total Allocation (in Cr)	Committed Expenditure from previous year (if any)	Proposed spending for Current Financial (2016-17) year	Balance to Carry Forward			
					FY-2017	FY-2018	FY-2019	FY-2020
1	Preparation of SLIP, SAAP and DPR	23.40		0.25	6.78	6.78	6.83	2.26
2	PDMC	15.00		0.45	4.25	4.25	3.50	2.50
3	Procuring Third Party Independent Review and Monitoring Agency	5.00		0.38	1.22	1.22	1.03	0.93
4	Publications (e-Newsletter, guidelines, brochures etc.)	1.00		0.30	0.22	0.22	0.19	0.12
5	Capacity Building and Training							
	5a)CCBP, if applicable -	10.00		0.67	3.20	3.20	2.04	1.36
	5b) Others (Workshop & Seminars)	2.00		0.25	0.49	0.49	0.41	0.30
6	Reform implementation	8.00		2.00	2.25	2.25	1.50	1.00
7	Others							
	Establishment Cost of State MMU & City MMU	9.10		0.50	2.07	2.07	2.07	2.07
	Supporting Cost includes local travel and Stationery	3.96		0.22	0.89	0.89	0.89	0.89
	Total	77.46		5.024	21.37	21.37	18.46	11.43

Note: Central share will be 5.024 crores for A.&O.E.

REFORM IMPLEMENTATION

Reform Implementation is an important aspect of AMRUT as the 10% incentive will be provided by GoI against successful implantation of reforms. The states a self-assessed the reform implantation status which is mentioned below in the prescribed table:

- Fill out the tables prescribed by the TCPO. What are the Reform type, steps and Target for 2016-17? (tabular; 300 words)

The tables prescribed by the TCPO is enclosed with the targets for 2016-17.

- Fill out Table 5.5 (pg. 54) given in the AMRUT Guidelines. What is the outcome of the self-evaluation done for reporting progress on reform implementation in order to receive the 10% incentive? (tabular; 350 words)

Please find the table 5.5 with self-evaluation report on reform implementation. Self-evaluation helped us to assessed our current position against reform implementation within the timeline set by MoUD.

S.No	Type	Steps	Name of ULBs	ULB Wise Score	Max. Score possible during the year	Total Score obtained	Present Status
ULB Level Achievement							
1.	E- Governance	1. Creation of ULB Website	1.Ranchi	10	10	10	Website of all 7 AMRUT Cities has been created with newly developed department's portal.
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
		2. Publication of e-newsletter Digital India Initiatives	1.Ranchi	10	10	10	E-Newsletter for all 7 AMRUT ULBs have been uploaded on the website.
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			

S.No	Type	Steps	Name of ULBs	ULB Wise Score	Max. Score possible during the year	Total Score obtained	Present Status
		3. Support Digital India (ducting to be done on PPP mode or by the ULB itself.)	1.Ranchi	10	10	10	<ul style="list-style-type: none"> An initiative has taken for common duct policy with the support of TRAI. High speed internet connection facility through broadband connectivity in all the cities. Digitization of legacy data of the ULBs. Pilot project of e-municipality in Dhanbad for State level software solution of all the municipal services has started. Online payment facility for collection of various taxes and user charges.
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
2.	Augmenting double entry accounting	1. Complete migration to double entry accounting system and obtaining an audit certificate to the effect from FY2012-13 onwards.	1.Ranchi	10	10	10	All 7 AMRUT Cities have been migrated to double entry accounting system.
			2.Deoghar	10			
3.Dhanbad	10						
4.Adityapur	10						
5.Chas	10						
6.Hazaribagh	10						
7.Giridih	10						
		2. Publication of annual financial statement on website.	1.Ranchi	10	10	10	Annual Financial Statement of all 7 AMRUT Cities has been published on the website.
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
3	Urban Planning and City Development plans	1. Make action plan to progressively increase Green cover in cities to 15% in 5 years.	1.Ranchi	10	10	00	Preparation of action plan is under process
			2.Deoghar	10			
3.Dhanbad	10						
4.Adityapur	10						
5.Chas	10						
6.Hazaribagh	10						
7.Giridih	10						
		2. Develop at least one	1.Ranchi	10	10	10	Work awarded for development of 1
			2.Deoghar	10			

S.No	Type	Steps	Name of ULBs	ULB Wise Score	Max. Score possible during the year	Total Score obtained	Present Status
		Children Park every year in AMRUT cities.	3.Dhanbad 4.Adityapur 5.Chas 6.Hazaribagh 7.Giridih	10 10 10 10 10			children park each in all 7 AMRUT Cities.
4.	Municipal tax and fees improvement.	1. At least 90% coverage.	1.Ranchi	10	10	8.571	90% and above coverage of property tax in 6 AMRUT Cities has completed.
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
		2. At least 90% collection,	1.Ranchi	10	10	0	Target partially achieved
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
		3. Post Demand Collection Book (DCB) of tax details on the website.	1.Ranchi	10	10	10	DCB of 7 AMRUT Cities has prepared and uploaded on website
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
5.	Improvement in levy and collection of user charges	1. Separate accounts for user charges,	1.Ranchi	10	10	10	7 AMRUT Cities has been opened separate bank accounts of 5 services on Water User Charges, Property Tax, BPA Fees, SWM Fees and Municipal License Fee.
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
		2. At least 90% billing	1.Ranchi	10	10	10	More than 90% billing report has been received from all the 7 AMRUT Cities.
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
		3. At least 90% collection	1.Ranchi	10	10	0	Target partially achieved
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
6	Energy and Water audit	1. Energy (Street lights) and Water Audit (including non- revenue	1.Ranchi	10	10	0	
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			

S.No	Type	Steps	Name of ULBs	ULB Wise Score	Max. Score possible during the year	Total Score obtained	Present Status
		water or losses audit),	5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
		2. Making STPs and WTPs more energy efficient,	1.Ranchi	10	10	0	
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
		3. Optimize energy consumption in street lights by using energy efficient lights and increasing reliance on renewable energy,	1.Ranchi	10	10	10	Sodium Lights are being converted to LED Lights in all the 7 AMRUT cities.
			2.Deoghar	10			
			3.Dhanbad	10			
			4.Adityapur	10			
			5.Chas	10			
			6.Hazaribagh	10			
			7.Giridih	10			
		Sub Total ULB (A)			160	108.57	

S.No	Type	Steps	Maximum Score possible during the year	Total Score obtained	Present Status
State Level Achievement					
1	Constitution and professionalization of Municipal cadre	a) Policy for engagement of interns in ULBs and implementation.	10	10	Policy has been notified.
2	Devolution of funds and functions.	a) Ensure transfer of 14th FC devolution to ULBs.	10	10	1st & 2nd Installment has been already transferred to ULBs.
		b) Appointment of State Finance Commission (SFC) and making decisions.	10	10	3rd State Finance Commission (SFC) appointed.
		c) Transfer of all 18 functions to ULBs.	10	10	Already Transferred and provisioned in Jharkhand Municipal Act-2011
3	Urban Planning and City Development plans	1. Preparation of Service Level Improvement Plans (SLIP), State Annual Action Plans (SAAP).	10	10	SLIP and SAAP of FY 2015-16 submitted to MoUD
		2. Establish a system for maintaining of parks, playground and recreational areas relying on People Public Private Partnership (PPPP) model.	10	10	JHARPARK has been constituted by DEF&CC, GoJ
4	Review of Building by-laws.	1. Revision of building bye laws periodically.	10	10	Building Bye laws of Jharkhand-2016 has

					been approved and notified
		2. Create single window clearance for all approvals to give building permissions.	10	10	Already Existing
5	Municipal tax and fees improvement.	1. Make a policy to, periodically revise property tax, levy charges and other fees,	10	10	Jharkhand Property Tax Rules has been revised and notified
		2. Achieve full potential of advertisement revenue by making a policy for destination specific potential having dynamic pricing module.	10	10	Advertisement policy 2016 has been notified.
6	Improvement in levy and collection of user charges.	1. Adopt a policy on user charges for individual and institutional assessments in which a differential rate is charged for water use and adequate safeguards are included to take care of the interests of the vulnerable.	10	10	Policy on Water user charges 2016 has been notified.
		2. Make action plan to reduce water losses to less than 20% and publish on the website .	10	00	
Sub Total State (B)			120	110	
Total (A+B)			280	218.57	78.06%

- **Have any issues been identified during the review by HPSC on Reforms implementation? What are the issues? (250 words)**

The SHPSC has appreciated the initiatives of state towards the early achievement of reforms targets. SHPSC also suggested to improve the mechanism of monitoring the execution of projects running against various reforms especially under E-Governance.

- **Have these issues been considered while planning for reform implementation? How? (tabular; 250 words)**

The suggestions provided by SHPSC have been considered while planning for reform implementation.

Reforms format prescribed by TCPO

Name of State – Jharkhand

Milestones	Agency responsible	* Fully Achieved (Y/N)	If not fully achieved Activities/ Action to be carried out	Timeline / period													
				Sep-15	Dec-15	Mar-16	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Jun-18	Sep-18	
Digital ULBs																	
Creation of Website			Tendering														
			Work commencement														
			Launching web site														
Publication of e-newsletter, Digital India initiative			Publication of E-Newsletter														
Support Digital India (PPP mode ducting/ by ULB itself)			Innovative programme of digital inclusion through PPP mode.														
			High Speed internet facility														
Coverage with E-MASS			Registration of birth, Death & marriage.														
			Water Charges														
			Sewerage Charges														
			Grievance Redressal														
			Property tax														
			Advertisement tax														
			Issuance of Licenses														
			Building permission														
			Mutations														

Milestones	Agency responsible	* Fully Achieved (Y/N)	If not fully achieved Activities/ Action to be carried out	Timeline / period												
				Sep-15	Dec-15	Mar-16	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Jun-18	Sep-18
			Payroll,													
			Pension													
E-Procurement			Software for Online tendering													
			Online collection of tender documents													
			Online opening of tender													
			E-auction of scrap													
			Any other													
Personnel staff management			Personnel staff management													
Project management			Project management													
Establishment of municipal cadre.			Establishment of municipal cadre.													
Cadre linked training.			Cadre linked training.													
Policy for Engagement of interns			Policy for engagement of interns in ULBs and implementation.													
Policy for Right Sizing of municipal functionaries			The State will prepare a Policy for Right-sizing the number of municipal functionaries depending on, say, population of the ULB, generation of internal resources and expenditure on salaries.													
Complete migration to double entry accounting system			Complete migration to double entry accounting system and obtaining an audit certificate to the effect from FY2012-13 onwards.													
Appointment of internal auditor.			Appointment of internal auditor.													
Publication of annual financial			Publication of annual financial statement on website.													

Milestones	Agency responsible	* Fully Achieved (Y/N)	If not fully achieved Activities/ Action to be carried out	Timeline / period												
				Sep-15	Dec-15	Mar-16	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Jun-18	Sep-18
statement on website.																
GIS based Master Plan			Preparation of Master Plan using GIS.													
Preparation of SLIP & SAAP			Preparation of Service Level Improvement Plans (SLIP), State Annual Action Plans (SAAP).													
Establish Urban Development Authorities.			Establish Urban Development Authorities.													
Increase Green Cover to 15% in 5 Years			Make action plan to progressively increase Green cover in cities to 15% in 5 years.													
1 Children Park every year			Develop at least one Children Park every year in AMRUT cities.													
system for maintaining of parks, playground and recreational areas on PPPP model.			Establish a system for maintaining of parks, playground and recreational areas relying on People Public Private Partnership (PPPP) model.													
State Level policy for National Mission for Sustainable Habitat.			Make a State level policy to implement the parameters given in National Mission for Sustainable Habitat.													
Ensure transfer of 14th FC devolution to ULBs.			Ensure transfer of 14th FC devolution to ULBs.													
Appointment of State Finance Commission (SFC) and making decisions			Appointment of State Finance Commission (SFC) and making decisions													

Milestones	Agency responsible	* Fully Achieved (Y/N)	If not fully achieved Activities/ Action to be carried out	Timeline / period												
				Sep-15	Dec-15	Mar-16	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Jun-18	Sep-18
Implementation of SFC recommendations within timeline			Implementation of SFC recommendations within timeline													
Transfer of all 18 functions to ULBs			Transfer of all 18 functions to ULBs													
Revision of Building bye laws			Revision of building bye laws periodically.													
Policy & Action Plan for solar roof top			State to formulate a policy and action plan for having a solar roof top in all buildings having an area greater than 500 square meters and all public buildings.													
Policy for Rain water harvesting			State to formulate a policy and action plan for having Rain water harvesting structures in all commercial, public buildings and new buildings on plots of 300 sq. meters and above.													
Single Window clearance for building approvals			Create single window clearance for all approvals to give building permissions.													
Establish and operationalize financial intermediary			Establish and operationalize financial intermediary- pool finance, access external funds, float municipal bonds													
At least 90% coverage			At least 90% coverage,													
At least 90% collection,			At least 90% collection,													
Policy for periodical revision of property tax, levy and other fees			Make a policy to, periodically revise property tax, levy charges and other fees,													
DCB publication on website			Post Demand Collection Book (DCB) of tax details on the website,													

Milestones	Agency responsible	* Fully Achieved (Y/N)	If not fully achieved Activities/ Action to be carried out	Timeline / period													
				Sep-15	Dec-15	Mar-16	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Jun-18	Sep-18	
Policy for Advertisement Revenue			Achieve full potential of advertisement revenue by making a policy for destination specific potential having dynamic pricing module.														
Adopt a Policy for User Charges			Adopt a policy on user charges for individual and institutional assessments in which a differential rate is charged for water use and adequate safeguards are included to take care of the interests of the vulnerable,														
Action Plan for Water Losses in Website			Make action plan to reduce water losses to less than 20% and publish on the website														
Separate Account for User Charges			Separate accounts for user charges,														
At least 90% billing			At least 90% billing														
At least 90% collection			At least 90% collection														
Complete the credit ratings of the ULBs			Complete the credit ratings of the ULBs														
Energy & Water Audit including NRW losses			Energy (Street lights) and Water Audit (including non-revenue water or losses audit),														
Energy Efficient STPs & WTPs			Making STPs and WTPs more energy efficient,														
Optimize Energy Consumption in street lights			Optimize energy consumption in street lights by using energy efficient lights and increasing reliance on renewable energy,														
Incentives for green buildings			Give incentives for green buildings (e.g. rebate in property tax or charges														

Milestones	Agency responsible	* Fully Achieved (Y/N)	If not fully achieved Activities/ Action to be carried out	Timeline / period												
				Sep-15	Dec-15	Mar-16	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Jun-18	Sep-18
			connected to building permission/development charges)													
Elimination of open defecation,			Elimination of open defecation,													
Waste Collection (100%),			Waste Collection (100%),													
Transportation of Waste (100%).			Transportation of Waste (100%).													
Scientific Disposal (100%).			Scientific Disposal (100%).													
<p>Note: The documentary evidences for the reforms which are fully achieved are enclosed with the claims being submitted against reforms implementation.</p>																

Table 5.2: SAAP - Reforms Type, Steps and Target for AMRUT Cities

Name of State – Jharkhand

SI No	Type	Steps	Implementation Timeline	Target to be set by states in SAAP				Present Status/ Issue If Any
				Oct 2015 to Mar 2016	Apr to Sep 2016	Oct 2016 to Mar 2017	Apr to Sept 2017	
1	E-Governance	Coverage with E-MAAS (from the date of hosting the software) <ul style="list-style-type: none"> • Registration of Birth, Death and Marriage, • Water & Sewerage Charges, • Grievance Redressal, • Property Tax, • Advertisement tax, • Issuance of Licenses, • Building Permissions, • Mutations, • Payroll, • Pension and • e-procurement 	24 months				Yes	Registration of Birth Death certificates are already implemented in all the ULBs. Grievance Redressal and e-procurement is fully functional. Online Application for Property Tax, Advertisement tax, Licenses are under development. The rest will be achieved within prescribed timeline.
2.	Constitution and professionalization of municipal cadre	1. Establishment of municipal cadre.	24 months				Yes	Municipal Cadre constituted and requisition given to JPSC/JSSC for recruitment.
		2. Cadre linked training.						to be fully achieved within prescribed timelines.

SI No	Type	Steps	Implementation Timeline	Target to be set by states in SAAP				Present Status/ Issue If Any
				Oct 2015 to Mar 2016	Apr to Sep 2016	Oct 2016 to Mar 2017	Apr to Sept 2017	
3	Augmenting double entry accounting	Appointment of internal auditor.	24 months				Yes	To be achieved within the prescribed time period
4	Urban Planning and City Development Plans	1. Make a State Level policy for implementing the parameters given in the National Mission for Sustainable Habitat	24 months				Yes	Master Plan with GIS is being prepared and the work will be accomplished within the prescribed time period.
5	Devolution of funds and functions	Implementation of SFC recommendations within timeline.	24 months				Yes	Partially implemented and will be fully achieved within the Prescribed time period
6	Review of Building by-laws	1. State to formulate a policy and action plan for having a solar roof top in all buildings having an area greater than 500 square meters and all public buildings	24 months				Yes	Building Bye laws have been approved and notified already.
		2. State to formulate a policy and action plan for having Rainwater harvesting structures in all commercial, public buildings and new buildings on plots of 300 sq. meters and above	24 months					Provisioned in Building Bye laws 2016

SI No	Type	Steps	Implementation Timeline	Target to be set by states in SAAP				Present Status/ Issue If Any
				Oct 2015 to Mar 2016	Apr to Sep 2016	Oct 2016 to Mar 2017	Apr to Sept 2017	
7	Establish and operationalize financial intermediary- pool finance, access external funds, float municipal bonds	1. Establish and operationalize financial intermediary- pool finance, access external funds, float municipal bonds.	24 months				Yes	To be accomplished within the prescribed time period
8	Credit Rating	Complete the credit ratings of the ULBs.	24 months				Yes	Agency has been selected for all 5 clusters. Expected to complete within the prescribed time period
9	Energy and Water audit	Give incentives for green buildings (e.g. rebate in property tax or charges connected to building permission/development charges).	24 months				Yes	To be accomplished within the prescribed time period

ANNUAL CAPACITY BUILDING PLAN

The state of Jharkhand has prepared its Annual Capacity Building Plan for individual capacity building to empower ULB functionaries and timely completion of projects. The same is being mentioned in the prescribed tables of AMRUT guideline:

- What is the physical and financial Progress of capacity development at state level? (350 words)

Trainings: -

One training of each of the five departments i.e. total 5 training and 3 batches (all 3 capsules) of each department's training i.e. total 15 training had been proposed in the financial year 2015-16. Out of which 2 batches of 2 departments training could be conducted. Details of physical and financial progress is mentioned below;

Physical Progress

Sl. No.	Name of the Department	No. of training	No. of batches	No. of training imparted	No. of batches
		Planning		Achievement	
1.	Elected Representatives	1	3	0	0
2.	Administration Department	1	3	1	1
3.	Finance and Revenue Department	1	3	1	1
4.	Engineering and Public Health Department	1	3	0	0
5.	Town Planning Department	1	3	0	0
	Total	5	15	2	2

Financial Progress

Sl. No.	Name of the Department	Financial Provision (2015-16) (INR Crore)	Expenditure (2015-16) (INR Crore)
1	Elected Representatives	0.07	0.000
2	Administration Department	0.06	0.043
3	Finance Department	0.06	0.053
4	Engineering and Public Health Department	0.06	0.000
5	Town Planning Department	0.06	0.000
	Total	0.31	0.096

Note : Training provided by RCUES, Lucknow and reimbursement will be done by CBUD.

Exposure visit and Workshop:

A financial provision of 31 lakhs was made for exposure visit and workshops in the FY 2015-16.

Two exposure visit to Ahmedabad and Chennai Municipal corporation was organized during the financial year 2015-16, however budgetary provision was made under CCBP and Ranchi municipal corporation's fund. Hence, no expenditure booked for exposure visit and workshops.

- **Do you feel that there is a need to include any other category of official, new department or module? (400 words)**

One department related to IT and e-governance could be added. In this department, computer operators and IT professionals of the ULBs, SMMU and CMMU personnel can be trained to use computer applications, statistical package, software for monitoring and evaluation, data management and representation tools, etc. more efficiently.

This will lead to individual enhanced capacity of the personnel as well as institutional capacity of the ULBs and state office in order to apply latest software and technology in planning, implementation and monitoring & evaluation.

- **What are the issues that are been identified during the review? (350 words)**

During the review of the training program conducted, major issue identified is participants wanted hands on training on different subjects followed by study tour. Participants stated that hands on training on GIS, use of GPS and satellite imagery for making Master Plan, Zonal Development Plan is required. Participants also discussed ULB level challenges like shortage of man power, unorganized system, shortage of technical personnel, inadequate infrastructure, etc. Participants also sought need of the training in the field of e-governance.

- **Have the activities in your current year Capacity Building Plan – training, exposure visits (ULB staff and elected representatives), seminars/workshops, etc. – been vetted/approved by NIUA?**

Current Capacity building plan is being proposed for NIUA vetting/approval.

- **What is the present institutional capacity in the ULBs of the state; have the RPMC, UMC, etc. been appointed? Are there other PMUs, PIUs, etc. which are still operational?**

SMMU and CMMU of AMRUT has been established and made operational towards the institutional capacity building. Following are the status:

State level: State Mission Management Unit (SMMU) comprised of 6 specialists as defined in the guideline are in place.

City level: Approved posts under City Mission Management Unit (CMMU) and its status is below:

Name of the AMURT ULB/City	No. of vacancy	Filled	Vacant	Remarks
Ranchi	4	1	3	For Ranchi and Dhanbad one position of Urban Planner, Urban Infrastructure, SWM and Urban Reform Specialist is sanctioned. Against it, only Urban Planning specialist in Ranchi, Urban Planning specialist and Urban reform specialist in Dhanbad city is in place.
Dhanbad	4	2	2	
Deoghar	2	1	1	One position of Urban Planner and Urban Infrastructure Specialist are sanctioned in 5 AMRUT ULBs. Urban Planners has been recruited for Deoghar, Chas and Giridih.
Hazaribagh	2	0	2	
Chas	2	1	1	
Adityapur	2	0	2	
Giridih	2	1	2	

We could not find suitable candidates in first round of selection process for remaining positions. Recruitment notice has been published for the vacant posts.

98 city managers have been recruited in all the 41 ULBs. Apart from this, Project based (like: - NULM, PMAY, SBM, etc.) PIU/team/unit exist in ULBs.

- **What has been the progress during the previous year/s in institutional capacity building, especially but not only in the seven areas that are mentioned in the AMRUT Guidelines? (p. 67)**

As per the AMRUT guideline (p.67), handholding agency for preparation of Smart City proposal has been selected. The smart city proposal of Ranchi has been submitted to Govt. of India for consideration at their end under fast track cities. SPV for smart city is also being formed. For preparation of SLIP, technical assistance from the SMMU, consultants hired for DPR preparation for different projects and subject matter specialist from JUIDCO Ltd (Jharkhand Urban Infrastructure Development Corporation Ltd) which is PDMC for AMRUT project, etc. is being provided to 7 AMRUT cities in field and also by calling state level workshops. Various reforms have been taken up as per AMRUT guideline and progress has been depicted in the dedicated chapter of reforms. Following are the initiatives of UD&HD towards institutional capacity building apart from the areas mentioned in the AMRUT guideline:

- ↳ *To strengthen functioning and HR strength of ULBs 98 City Managers have been recruited.*

- ↳ *State level building byelaws is formulated and approved in April 2016.*
- ↳ *Comprehensive mobility plan of 6 ULBs and City Development plan of 10 cities are being prepared and it is in final stage.*
- ↳ *Master plan of 18 cities are in the process.*

All these plans preparation and implementation will enhance capacity of the all concerned ULBs in the state.

- **Attach the Quarterly Score Cards on p. 73 of the Mission Guidelines.**

The quarterly Score Cards for states (table 7.4) as mentioned in the mission guideline is enclosed.

- **Have those issues been addressed? How? (500 words)**

Last year we could not achieve the target set up in the SAAP, primarily because, SAAP was approved in the month of November and training institutes were also initially reluctant to execute the MoU. Now, since we already had MoU with 3 institutes, and have requested 4 other institute for signing of the MoUs, this problem should not hamper our progress in current financial year. Moreover, we have also identified the trainees and arranged them into batches, so execution of capacity building program this time will not be a major challenge.

Table 7.2: Annual Action Plan for Capacity Building
Table 7.2.1: Fund requirement for individual capacity building at ULB level.

Name of State –Jharkhand

FY 2016-17

(Amount in Crores)

S	Name of ULB	Total numbers to be trained in the current financial year, department wise						Name of the Training Institution (s) identified	No. of Training Programmes to be conducted	Fund Reqd. in current FY
		<i>Elected Reps.</i>	<i>Finance Dept.</i>	<i>Engineering Dept.</i>	<i>Town Planning Dept.</i>	<i>Admin. Dept.</i>	<i>Total</i>			
1	All 41 ULBs	180	150	180	180	360	1050	RCUES-Lucknow, IIHS-Bangalore, CGG-Hyderabad, AILLGS-Mumbai, NEERI-Nagpur, etc.	35	0.67

Note: - Other institute which are empanelled by MoUD may also be invited to execute MoU to impart trainings in related departments as and when required.

Table 7.2.2: Fund requirement for State level activities.

Name of State – Jharkhand

FY 2016-17

(Amount in Crores)

Sl. No.	State Level activities	Total expenditure upto current FY	Unspent funds available from earlier releases	Funds required for the current FY
1	RPMC (SMMU)	0.15 (From unspent balance of CCBP)	7.88 (including all CCBP activities)	0.50
2	Preparation of SLIP, SAAP & DPR	1.75	0.00	0.25
3	Others (Workshops, Seminars, etc.) are approved by NIUA	0.00	0	0.25
4	Institutional/ Reform	0.00	0.00	2.0
	Total			3.00

Table 7.2.3: Total Fund requirement for capacity building.

Name of State – Jharkhand

FY 2016-17

(Amount in Crores)

Sl. No.	Fund requirement	Individual (Training & Workshop)	Institutional/ Reform	SMMU/RPMC/CMMU	Others For preparation of SLIPs/SAAP	Total
1	Total release since start of Mission (2015)	-	-	-	1.75	1.75
2	Total utilisation-Central Share	-	-	-	1.75	1.75
3	Balance available-Central Share	-	-	-	0.00	0.00
4	Amount required-Central Share	Details mentioned in table 4.				5.024
5	Total fund required for capacity building in current FY 2016-17					5.024

Table 7.2.4: Details of Institutional Capacity Building

a. Is the State willing to revise their town planning laws and rules to include land pooling?

Yes. State is willing to revise town planning law and rules to include land pooling.

b. List of ULBs willing to have a credit rating done as the first step to issue bonds?

Mentioned in the reform section of the SAAP.

c. Is the State willing to integrate all work done in GIS in order to make GIS useful for decision making in ULBs?

Yes, this is planning stage

d. Is the State willing to take assistance for using land as a fiscal tool in ULBs?

Yes, the State willing to take assistance for using land as a fiscal tool in ULBs. Detail plan of action in this regard is yet to be finalized.

e. Does the State require assistance to professionalize the municipal cadre?

Yes. State does require assistance to professionalize the municipal cadre.

f. Does the State require assistance to reduce non-revenue water in ULBs?

Yes, the state require assistance to reduce non-revenue water in ULBs.

g. Does the State require assistance to improve property tax assessment and collections in ULBs?

Property tax survey, assessment and collection are being done on PPP mode in the ULBs of Jharkhand.

h. Does the State require assistance to establish a financial intermediary?

State has already taken initiative in this regard. Institution named, JUIDCO Ltd has been proposed to take up the roles and responsibilities of financial intermediary.

Table 7.4: Financial and physical progress on Capacity Building (State Level)

Name of State - Jharkhand

Total Numbers of ULBs –43

No. of ULBs above/below proportionate target (from table 7.3 of AMRUT guideline)	Name of the Department/ Position	Physical		Financial		Total No. trained	Total Funds utilized
		Total target FY	Proportionate target upto quarter	Funds allocated in current FY	Proportionate target upto quarter		
Above	Individual Trainings						
	SMMU/CMMU	N/A					
Below	Individual Trainings						
All 41 ULB	Elected Representative	90	90	0.07	0.07	0	
	Administration Department	90	90	0.06	0.06	32	0.043
	Finance Department	90	90	0.06	0.06	42	0.053
	Engineering and Public Health Department	90	90	0.06	0.06	0	
	Town Planning Department	90	90	0.06	0.06	0	
	SMMU/ CMMU	N/A					
Note : Since SAAP was approved in 3 rd quarter of the financial year so above table is related to 4 th quarter only.							

A&OE

The 10% allocation for A&OE has been divided into two parts, 8% State fund and 2% Gol fund. Please fill out the Plan of Action Table given in the AMRUT Guidelines (Table 4; pgs.48, 49) and answer the following questions.

- **What is the committed expenditure from previous year? (200 words)**

The committed expenditure of previous year mentioned in table no. 1.3 of SAAP. 7 projects for development of parks has been sanctioned by SLTC. The approved cost by SLTC has immediately disbursed to the ULBs. State has transferred Rs. 12.13 crores as state share and 3.17 crores as Central Assistance (CA). As the project implementation has just started, expenditure for the same is yet to be made by the ULBs.

The allocation of 1.75 crore was received from MoUD, Gol for preparation of SLIPs and SAAP under A&OE. This amount was transferred immediately to ULBs and expenditure for the same has been made and utilization certificate (UC) has been submitted to MoUD.

- **What are the issues that are been identified during the review? (350 words)**

No issues have been raised and identified during the review.

- **Have the A&OE fund used only for admissible components? (200 words)**

The A&OE fund used only for the admissible components and there is no deviation in utilization.

Table 4: SAAP - Broad Proposed Allocations for Administrative and Other Expenses

Name of State – Jharkhand

Current Mission Period- 2015-20

(Amount in Crores)

S. No.	Items proposed for A&OE	Total Allocation (in Cr)	Committed Expenditure from previous year (if any)	Proposed spending for Current Financial (2016-17) year	Balance to Carry Forward			
					FY-2017	FY-2018	FY-2019	FY-2020
1	Preparation of SLIP, SAAP and DPR	23.40		0.25	6.78	6.78	6.83	2.26
2	PDMC	15.00		0.45	4.25	4.25	3.50	2.50
3	Procuring Third Party Independent Review and Monitoring Agency	5.00		0.38	1.22	1.22	1.03	0.93
4	Publications (e-Newsletter, guidelines, brochures etc.)	1.00		0.30	0.22	0.22	0.19	0.12
5	Capacity Building and Training							
	5a)CCBP, if applicable -	10.00		0.67	3.20	3.20	2.04	1.36
	5b) Others (Workshop & Seminars)	2.00		0.25	0.49	0.49	0.41	0.30
6	Reform implementation	8.00		2.00	2.25	2.25	1.50	1.00
7	Others							
	Establishment Cost of State MMU & City MMU	9.10		0.50	2.07	2.07	2.07	2.07
	Supporting Cost includes local travel and Stationery	3.96		0.22	0.89	0.89	0.89	0.89
	Total	77.46		5.024	21.37	21.37	18.46	11.43

Note: Central share will be 5.024 crores for A.&O.E.

FINANCING OF PROJECTS

Financing is an important element of the SAAP. Each state has been given the maximum share that will be given by the Central Government. (Para 5 of AMRUT Guidelines). The State has planned for the remaining resource generation at the time of preparation of the SAAP. The financial share of cities will vary across ULBs. Information responding to the following questions regarding financing of the projects proposed under AMRUT, in words has been indicated below:

- **What is the State contribution to the SAAP? (should be greater than 20 percent, Para 7.4 of AMRUT Guidelines) (150 words)**

State Government has taken a decision to contribute 30% of total project cost for cities having population less than 10 lakhs and 40% for cities having population more than 10 lakhs which is well above the minimum 20% prescribed by the AMRUT guideline.

In cases where SLTC approves DPRs involving of costs higher than what was indicated in SAAP, additional amount is being borne by the state government, as has been done in case of parks.

- **Fill out Table 3.4 at pg.45 of AMRUT Guideline. How the residual financing (over and above Central Government share) is shared between the States, ULBs? (tabular; 200 words)**

For cities above 10 lakhs, where central assistance is only 33.33% of the project cost, state government is funding 40% of the project cost and the rest is being funded by the ULBs. Whereas in case of ULBs having population less than 10 lakhs, state government is funding 30% of project cost and rest 20% is being funded by the ULBs. Out of the ULB's share, 80% of fund is being accessed from the devolution of 14th FC.

- **Fill out Table 3.3 at page 44 of AMRUT Guidelines. Have any other sources identified by the State/ULB (e.g. PPP, market borrowing)? Please discuss. (tabular; 250 words)**

Other sources of funding will be explored at the time of preparation of NIT.

- **Whether complete project cost is linked with revenue sources in SAAP? Please describe? (250 words)**

In preparing DPRs of Water Supply, Sewerage and septage management, collection of user charges has been taken into consideration for meeting the O&M costs. Capex cost in all these projects will not be linked with revenue sources.

- **Have projects been dovetailed with other sectoral and financial programme of the Centre and State Governments? (250 words)**

We have done a detailed gap analysis for all the 5 sectors as mentioned in AMRUT guideline and prepared a 5 years prospective plan to fill up these gaps. MoUD has been kind enough to recommend a project worth 2000 crores to be funded by World Bank which has already been

sanctioned by DEA. Funds accessed through this project will also be dovetailed with the project sanctioned under AMRUT scheme.

- **Has States/UTs explored the possibility of using Public Private Partnerships (PPP), as a preferred execution model? Please discuss. (300 words)**

Modes of execution will be decided at the time of finalization of NIT. As a matter of principle, state prefers the execution of projects on PPP mode.

- **Are PPP options included appropriate Service Level Agreements (SLAs) which may lead to the People Public Private Partnership (PPPP) model? How? (300 words)**

Suitable service level benchmarks will be included in the agreement with the PPP partner for ensuring People Public Private Partnership (PPPP).

Table 3.4: SAAP- Year wise share of investments for all sectors (ULB Wise)

Name of State – Jharkhand

FY 2016-17

(Amount in Crores)

Name of City	Total Project Investment	Committed Expenditure (if any) from Previous Year (2015-16)							Proposed Spending during current Financial Year							Balance Carry Forward for Next Financial Years						
		Centre	State			ULB			Centre	State			ULB			Centre	State			ULB		
			14th FC	OTH	Total	14th FC	OTH	Total		14th FC	OTH	Total	14th FC	OTH	Total		14th FC	OTH	Total	14th FC	OTH	Total
Ranchi	909.6	37.1	0.0	44.5	44.5	23.8	5.9	29.7	18.8	0.0	22.6	22.6	12.1	3.1	15.1	246.7	0.0	296.1	296.1	157.9	39.5	197.4
Deoghar	241.6	18.5	0.0	11.1	11.1	5.9	1.5	7.4	27.5	0.0	16.5	16.5	8.8	2.2	11.0	74.8	0.0	44.9	44.9	23.9	6.0	29.9
Hazaribagh	682.0	23.0	0.0	13.8	13.8	7.4	1.8	9.2	12.5	0.0	7.5	7.5	4.0	1.0	5.0	305.5	0.0	183.3	183.3	97.8	24.4	122.2
Giridih	508.0	8.0	0.0	4.8	4.8	2.6	0.6	3.2	38.5	0.0	23.1	23.1	12.3	3.1	15.4	207.5	0.0	124.5	124.5	66.4	16.6	83.0
Adityapur	445.4	23.0	0.0	13.8	13.8	7.4	1.8	9.2	12.5	0.0	7.5	7.5	4.0	1.0	5.0	187.2	0.0	112.3	112.3	59.9	15.0	74.9
Chas	268.0	28.0	0.0	16.8	16.8	9.0	2.2	11.2	29.7	0.0	17.8	17.8	9.5	2.4	11.9	76.6	0.0	46.0	46.0	24.5	6.1	30.6
Dhanbad	864.1	0.3	0.0	0.4	0.4	0.2	0.1	0.3	26.3	0.0	31.6	31.6	16.9	4.2	21.1	261.7	0.0	314.0	314.0	167.5	41.9	209.4
Total	3918.6	138.0	0.0	105.2	105.2	56.1	14.0	70.2	165.8	0.0	126.6	126.6	67.5	17.0	84.5	1359.9	0.0	1121.1	1121.1	597.9	149.5	747.4

Table 3.3: SAAP- ULB wise source of funds for all sectors

Name of State – Jharkhand

FY 2016-17

(Amount in Crores)

Name of the City	Project for AMRUT	Centre	State			ULBs			Convergence	Others e.g. Incentive (5%)	Total
			14th FC	Others	Total	14th FC	Others	Total			
Ranchi	56.50	18.83		22.60	22.60	12.05	3.01	15.07		56.50	
Deoghar	55.00	27.50		16.50	16.50	8.80	2.20	11.00		55.00	
Hazaribagh	25.00	12.50		7.50	7.50	4.00	1.00	5.00		25.00	
Girdih	77.00	38.50		23.10	23.10	12.32	3.08	15.40		77.00	
Adityapur	25.00	12.50		7.50	7.50	4.00	1.00	5.00		25.00	
Chas	59.30	29.65		17.79	17.79	9.49	2.37	11.86		59.30	
Dhanbad	79.00	26.33		31.60	31.60	16.86	4.21	21.07		79.00	
Total	376.80	165.81		126.59	126.59	67.52	16.88	84.40		376.80	

Note : For Ranchi & Dhanbad, Gol share will be 33.33% and for remaining cities it will be 50%.

Annexure I: Principles of Prioritization

Water Supply Projects (FY-2016-17)

(Amount in Crores)

S.No	Name of the City	Household level Coverage of Water Supply Connection in %age	Per Capita Quantum of Water Supplied in LPCD	Project Cost Demanded by the Cities under AMRUT for Project Period	Project Cost Demanded by the Cities under AMRUT FY 2016-17	Priority No of the Projects
1	RANCHI	53.00	98.00	255.64	54.50	1
2	DEOGHAR	28.42	69.33	45.10	25.00	4
3	HAZARIBAG	28.13	77.34	245.00	0.00	Previous year approved fund will be utilized
4	GIRIDIH	34.26	70.00	205.00	50.00	5
5	ADITYAPUR	20.00	64.00	189.00	0.00	Previous year approved fund will be utilized
6	CHAS	12.77	44.61	126.00	30.00	2
7	DHANBAD	21.57	98.00	519.25	77.00	3
Total for Mission Period (FY 2015- 19)				1584.99	236.50	
Total for Current Year (FY 2016 - 17)				236.50		

Sewerage and Septage Management (FY-2016-17)

(Amount in Crores)

Sl. No.	Name of the City	Per Capita Quantum of Water Supplied	Coverage of Latrines	Coverage of Sewer Network (%age)	Project Cost Demanded by Cities under AMRUT for the Project Period	Project Cost Demanded by the Cities under AMRUT FY 2016-17	Priority of the Project
			Existing	Existing			
1	RANCHI	98.00	77.00	0.00	-	-	-
1.a	Zone 1				227.00	0.00	Project Converged with previous/other Schemes
1.b	Zone 2				0.00	0.00	
1.c	Zone 3&4				0.00	0.00	
2	DEOGHAR	69.33	78.00	0.00	143.90	29.00	4
3	HAZARIBAG	77.34	74.00	0.00	228.00	24.00	3
4	GIRIDIH	70.00	90.00	0.00	145.00	26.00	1
5	ADITYAPUR	64.00	86.00	0.00	198.36	24.00	5
6	CHAS	44.61	85.00	0.00	125.00	27.80	2
7	DHANBAD	98.00	86.00	0.00	286.90	0.00	To be converged with Namami Gange
Total for Mission Period (FY 2015- 19)					1354.16	130.80	
Total for Current Year (FY 2016 - 17)					130.80		

Note - Basis of Prioritization

As per the AMRUT guidelines universal coverage of water and sewerage is a national priority. Water supply coverage in public sector is less, but people are using water from private sources and sewerage is generated. As the sewerage system is non-existent in most of the cities, the universal coverage of water supply and sewerage is taken simultaneously.